

COMMONWEALTH OF KENTUCKY
BEFORE THE KENTUCKY STATE BOARD ON ELECTRIC GENERATION
AND TRANSMISSION SITING

In the Matter of:

<i>Electronic</i> Application of Golden Solar, LLC)	Case No.
for Certificate of Construction for an up to 200)	2020-00243
Megawatt Merchant Electric Solar Generating)	
Facility in Caldwell County, Kentucky)	

Notice of Filing per 11/29/2022 Order

Please take notice that Golden Solar, LLC herewith submits publicly filed documents in accordance with paragraph 11 of the Siting Board’s November 29, 2022 Order (“11/29/2022 Order”) for which material denied confidential treatment is not redacted. The submitted documents have been prepared in accordance with 3/30/22 Order (p.) paragraphs 1-3.

Respectfully submitted,

/s/ Kathryn A. Eckert

Jason R. Bentley
Katherine K. Yunker
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McBrayer PLLC
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Lexington, KY 40507
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Counsel for Golden Solar, LLC

From: Courtney Pelissero
To: [REDACTED]
Subject: RE: [External] Solar Panels in Caldwell Co
Date: Thursday, September 22, 2022 10:35:44 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[image007.png](#)
[NG_Renewables_Logo_Primary_RGB_small_b34649a-abea-443c-8d43-87d96c8a6c.png](#)
[LinkedInIcon_Bolton1fcd734-405f-5a61-9af6010d11b.png](#)
[TwitterIcon_Hf8ac6f5-6940-4a01-92b5-0af9d8c-446d.png](#)
[WhatsApp_81c44b9c4f58-4738-9d4c-8941e4948807.png](#)

Hello [REDACTED]

Hope you are doing well. I am glad to hear that you are satisfied with the proposed panel setbacks and vegetative screening.

For projects of the size, the ground and vegetation work is typically managed by a national brand geared toward this scale/scope of project. Local contractors or subcontractors with capacity for this scale of work will typically also be considered. We have seen as many as 5-6 people on site at a given time mowing or managing weeds. The types of jobs would be equipment operators for soil prep, seed installation, mowing; and laborers to support those efforts, weed whip, install erosion control measures, etc. We will have more details on job opportunities when we get closer to commencing construction and operation.

Best,
Courtney



Courtney Pelissero
Permitting Specialist
P 952.358.5693

952.988.9000



From: [REDACTED]
Sent: Tuesday, September 6, 2022 8:02 AM
To: Courtney Pelissero <cpelissero@nationalgridrenewables.com>
Subject: Re: [External] Solar Panels in Caldwell Co

Good morning Courtney,

Hope you have a great Labor Day weekend!

[REDACTED] and I looked at the layout photo, with the additional markings. We can now tell where the solar panels are going to be located. There won't be a need for an additional rendering, but we appreciate very much that you offered to do another one.

[REDACTED] is interested in the ground and vegetation maintenance. Could you please provide information on this position?

Thanks!

On Thu Sep 1 2022 at 11:05 AM Courtney Pelissero <cpelissero@nationalgridrenewables.com> wrote

[REDACTED]

Please see my responses below in blue and let me know if you have any more questions. I hope you have a nice Labor Day weekend.

Thanks for the pictures. 10 years is a quite a while for trees to grow. Of the evergreens listed to use, the Red Cedar seems to be the one that grows the fastest. Could you possibly use other faster growing evergreens, such as a Cypress and/or Arborvitae? We have friends who have the Green Giant Arborvitae and they look very pretty. Both grow very well in our area. We do appreciate that you will be using the Buffer Type 2.

Although it takes roughly 10 years for the trees to reach 15 feet or higher, they are expected to be around 8-11 feet after 5-7 years, which is above fence height. So there is a lot of growing going on in the first few years. We have selected these evergreens based on typical species selections we see the KY PSC Siting Board requiring for solar projects and based on characteristics such as compatibility, density, and width. Since it is not possible to fully screen the project from view due to topography and other factors, the intent of the vegetative screening is to provide relief and visual impact mitigation. We believe the Type 2 vegetative buffer in this area will provide robust visual impact mitigation to you and your neighbors.

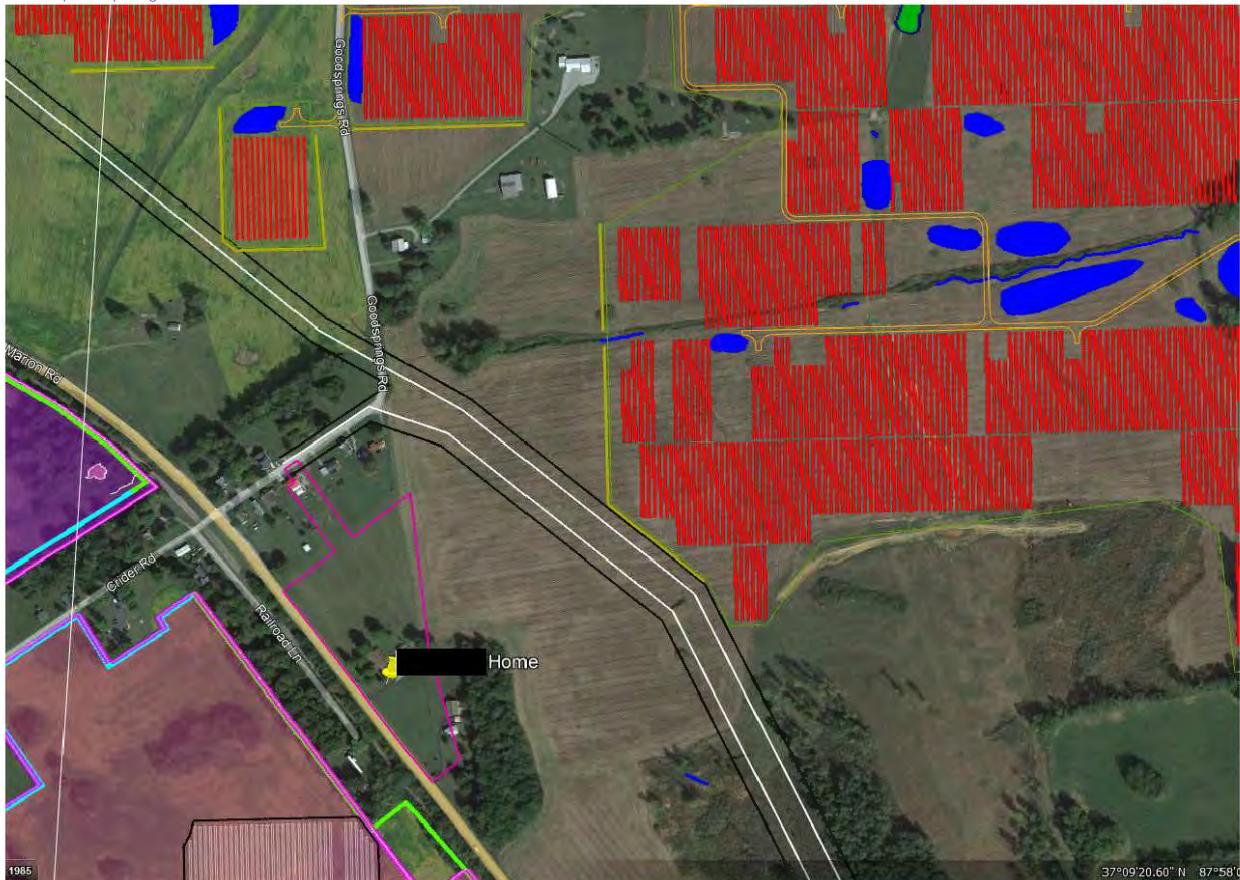
I've attached another picture, looking from our back deck to the left- the rendering pictures were to the right, which is more behind our garage. This view is what I would like to see a rendering of, if possible. I sent a photo of this area in the initial pictures I sent that should work for the rendering.

I will check with the team if we can prepare another visual rendering from that picture. To make sure I know where the picture was taken, was it around the X mark below looking in the direction of the arrow?



I have some confusion on the site plan pages I can't tell what site area we are in, and where our residence is located Could you help me by sending only the site plan for our area and marking our residence

Here is a close-up of the layout with your home marked with a yellow pin Based on the preliminary design, your residence to the nearest panel is around 1,000 feet The white and black lines you see mark the existing transmission line which we are proposing to stay behind The thicker yellow line you see between the transmission line and the red panels is the vegetative buffer, which is primarily evergreen trees



Will there be another meeting in our area about this in the future?

We do not have another public information meeting planned at this time We will be in town visiting the site sometime this fall, so if you would like to meet in person, we would be happy to do so

My husband wanted me to ask about job opportunities for this project Would this be something you could inform us about?

The Golden Solar project is expected to result in approximately 150 construction jobs and 4 full time jobs These jobs include technical positions, ground and vegetation maintenance, general construction, and other roles If your husband has questions about specific roles, please let me know and I can provide more information

Thank you for your time and help with all of this We are dealing the best we can as we know change happens

We are happy to answer your questions and appreciate your open mind. We strive to be good neighbors and believe this open dialogue is an important component of continuing our positive relationship with you and other community members.

Thank you,
Courtney



Courtney Pelissero
Permitting Specialist
P 952.358.5693

952.988.9000



From: [REDACTED]
Sent: Thursday, August 25, 2022, 4:13 PM
To: Courtney Pelissero <cpelissero@nationalgridrenewables.com>
Subject: Re: [External] Solar Panels in Caldwell Co

Thank you, you too!

On Thu, Aug 25, 2022 at 1:52 PM Courtney Pelissero <cpelissero@nationalgridrenewables.com> wrote

Hi [REDACTED]

I wanted to let you know that I have received your message. I am gathering information to answer your questions and will be able to get back to you with a response next week.

I hope you have a nice week and weekend,

Courtney



Courtney Pelissero
Permitting Specialist
P 952.358.5693

952.988.9000



From: [REDACTED]
Sent: Wednesday, August 24, 2022, 8:52 AM
To: Courtney Pelissero <cpelissero@nationalgridrenewables.com>
Subject: Re: [External] Solar Panels in Caldwell Co

Hi Courtney,

Thanks for the pictures. 10 years is a quite a while for trees to grow. Of the evergreens listed to use, the Red Cedar seems to be the one that grows the fastest. Could you possibly use other faster growing evergreens, such as a Cypress and/or Arborvitae? We have friends who have the Green Giant Arborvitae and they look very pretty. Both grow very well in our area. We do appreciate that you will be using the Buffer Type 2.

I've attached another picture, looking from our back deck to the left- the rendering pictures were to the right, which is more behind our garage. This view is what I would like to see a rendering of, if possible. I sent a photo of this area in the initial pictures I sent that should work for the rendering.

I have some confusion on the site plan pages. I can't tell what site area we are in, and where our residence is located. Could you help me by sending only the site plan for our area and marking our residence.

Will there be another meeting in our area about this in the future?

My husband wanted me to ask about job opportunities for this project. Would this be something you could inform us about?

Thank you for your time and help with all of this. We are dealing the best we can as we know change happens.

[REDACTED]

On Mon, Aug 8, 2022 at 8:42 AM Courtney Pelissero <cpelissero@nationalgridrenewables.com> wrote

Hello [REDACTED]

We have completed the visual renderings of the proposed Golden Solar project. See the attached visualizations, showing the proposed vegetation at different stages. The visualization shows our Type 2 buffer, which utilizes more evergreen trees and denser plantings than our Type 1 buffer. We plan to use the Type 2 buffer near your home. I have also included a pdf that shows example tree/shrub species we typically use in our buffers. Thank you for your patience as we finalized these renderings and please let me know if you have any questions.

Kindly,
Courtney



Courtney Pelissero
Permitting Specialist
P 952.358.5693

952.988.9000



From: Courtney Pelissero <cpelissero@nationalgridrenewables.com>
Sent: Friday, July 15, 2022, 12:02 PM
To: [REDACTED]
Cc: Aaron Ford <aford@nationalgridrenewables.com>
Subject: RE: [External] Solar Panels in Caldwell Co

Hi [REDACTED]

Construction of a solar farm of this size typically takes 12-18 months from site preparation to operation. During this construction period, crews will move across the site working on different phases of construction, so you will not have a construction crew right by you for 12-16 months straight. The KY Public Service Commission (PSC) will determine what days and hours construction can take place. Typically, noise-producing construction activities are limited to 8am to 6pm, Monday through Saturday. Outside of those hours and on Sundays, construction workers are allowed to be on site for arrival/departure, meetings, mowing, surveying or other quiet activities. Sundays may occasionally be used for construction makeup days if there is a long stretch of inclement weather. The KY PSC will determine the final allowed construction hours when we receive our construction certificate early next year. We have not yet determined what field we will start construction in. The construction team will decide that when we get closer to construction. The earliest we would start construction is next spring/summer.

Regarding the KU solar share program, I reviewed the website you sent and that solar share is connected to another solar farm that is operational. The Golden Solar project would connect into LG&E KU's grid, so it will be up to LG&E KU on how they utilize this source of solar energy and any potential for reduced electricity rates.

Our engineering team is still working on the visual rendering and it should be complete this month. I will provide you with the rendering as soon as I have it. Thank you for your patience.

Kindly,
Courtney



Courtney Pelissero
Permitting Specialist
P 952.358.5093

952.988.9000



From: [REDACTED]
Sent: Monday, June 27, 2022, 3:15 PM
To: Courtney Pelissero <cpelissero@nationalgridrenewables.com>
Subject: Re: [External] Solar Panels in Caldwell Co

Hi Courtney,

Thank you so much for this information.

Can you please tell me again the time frame and what months you will be installing. What hours during the day workers will be there. Will they work on weekends? I know it's been said the noise will be like that of farming, but pile driving could be more than a combine or tractor.

Will this field be the starting place for the project?

I did see we had an option in our KU bill this month to sign on to a solar share. Will this solar share come from the Nation Grid Renewables? It would be nice since we are going to have the panels right behind our house that we could benefit from the project.

This information helps. We are getting all kinds of flack from friends about the panels being in the field behind us! If we knew we were getting reduced electricity rates from it that would be great to share also.

I will be checking into the solar share. Here is the link <https://lge-ku.com/solar-share>

We are looking forward to getting the rendering that will show how the panels will fit.

On Thu Jun 23 2022 at 5:51 PM Courtney Pelissero <cpelissero@nationalgridrenewables.com> wrote

Hello [REDACTED]

I want to reassure you that solar farms are good neighbors and living near one is not dangerous. Compared to other types of development, solar farms are low profile, quiet, pollutant free, odorless, improve water quality, and many other benefits. There are a lot of myths about solar online that are not scientifically backed. I have attached a solar FAQ for your review and provided more information on your questions below.

Siting of panels and inverters: Your home is not the closest to the panels at this project. Our standard minimum setback from homes is 200 feet, so there are a few homes that are located 200-300 feet from the proposed panels. At other operational solar farms, you will often see homes as close as 50-100 feet from homes. In addition, there are plenty of homeowners that have personal solar panels on their roof or on their property, which are much closer than what we are proposing at the Golden Solar project. Based on the preliminary design, the panels are setback over 900 feet from your home, behind the existing transmission line. Based on the preliminary layout, the nearest inverter is approximately 1,700 feet from your home. I am not sure if the inverter would be visible in the visual rendering, but I will check for you.

Toxicity: There are various different types of panels and equipment that are typically used at solar farms. Solar projects are constructed of commonly used, inert materials that do not emit toxins and are found at every building site. The solar panels do contain small amounts of metals, but the panels are nearly entirely encapsulated in glass and aluminum and risk of leaching is low. Many manufacturers of solar panels have assessed the potential for the metals contained in solar panels to leach from the panels during operation of the panel or if it is broken into pieces. The Environmental Protection Agency (EPA) approved method for determining whether a hazardous substance is likely to leach into the ground and ground water is the Toxicity Characteristic Leaching Procedure (TCLP). Each of the manufacturers being considered by Golden to provide solar panels completes TCLP testing as part of the product development process and has determined that all existing products passed TCLP testing. In other words, no hazardous materials leached from the tested panels resulted in leachate concentrations above the EPA's regulatory thresholds. In light of the panels being fully encapsulated, unlikely to shatter and not expected to leach hazardous

materials into the environment, negative health impacts to neighbors are not anticipated.

EMF: The term electromagnetic field (EMF) refers to electric and magnetic fields that are present around any electrical device. Electric fields arise from voltage or electrical charges, and magnetic fields arise from the flow of electricity or current that travels along transmission lines, power collection lines, substation transformers, house wiring, and electrical appliances. The intensity of an electric field is related to the voltage of the line, and the intensity of a magnetic field is related to the current flow through the conductors (wire). EMF can occur indoors and outdoors. In fact, all power lines produce EMF, including those that connect your home to the electrical grid. While the general consensus is that electric fields pose no risk to humans, the question of whether or not exposure to magnetic fields potentially causes biological responses or even health effects continues to be the subject of research and debate. For a solar project, the sources of EMF are from electrical collection lines that will likely be buried underground and from the transformers installed at each inverter pad. EMF from underground electrical collection lines dissipates right next to the lines because they are installed below ground inside insulated shielding. A solar facility has to comply with the National Electric Code, which ensures proper installation, safety procedures, and equipment specifications for all of the electrical components utilized in the array. As a result, National Grid Renewables does not anticipate any issues to arise regarding EMF.

Sincerely,

Courtney



Courtney Pelissero
Permitting Specialist

P 952.358.5693

952.988.9000



From [REDACTED]

Sent: Monday, June 6, 2022, 9:22 AM

To: Courtney Pelissero <cpelissero@nationalgridrenewables.com>

Subject: Re: [External] Solar Panels in Caldwell Co

Hi Courtney,

Thank you for answering my previous questions.

I do have a few more questions.

Thanks in advance!

To be perfectly honest with you, the more I research living near solar panels, the more nervous I get about it.

Is our home the closest to the panels?

Can you tell me where the Power Inverters will be located? Can you also show that location in the rendering?

What can you tell me about the brand/type of panels you will be using? I am reading that some brands contain toxic materials.

Also if you have any information on EMF radiation from solar farms I found these statements on 'google' about living near solar farms

Should I live near a Solar Farm brought this conclusion

When it comes to living next to a solar farm, or near one, the picture is not so clear. You'll enjoy cheap, reliable energy, job opportunities, and these facilities are much quieter than other types of power plants. However, they also cause habitat destruction, are unsightly, could decrease the value of your property, and may have severe health impacts for some people.

Solar inverters do emit both radio interference and electromagnetic radiation

Although solar panels do emit EMF radiation, it is quite small, and likely not dangerous. The real issue is that the solar panel system, or photovoltaic system, creates dirty electricity that ultimately radiates EMF radiation.

(Living next to a solar farm **could be harmful to your health**. Solar power plants give out electromagnetic radiation which may reduce life expectancy! This radiation doesn't come from the panels themselves, but rather the industrial equipment used to store the energy the panels produce Dec 10, 2021)

On Fri, Jun 3, 2022 at 11:57 AM Courtney Pelissero <cpelissero@nationalgridrenewables.com> wrote

Hello [REDACTED]

We have updated our preliminary layout and will kick off the visual rendering soon. Based on the updated layout, here are the answers to your questions.

How tall will the panels be? Just wondering if we will still be able to see the tree line in very back? – The panels are typically 10-15 feet from the top of the panel at maximum tilt to the ground, but there is some variability depending on topography and ground characteristics. 20 feet would be the maximum height. In the preliminary design, the panels are setback over 900 feet from your home which will help mitigate impacts to your view in addition to the planned vegetative buffer.

Will they face the same way as in the example picture? – Based on preliminary design, we are using tracking panels. So the panels will face east in the morning and track the sun during the day to face west at the end of the day. So based on your location, the orientation will be different than the example picture. The rendering should help show the proposed orientation better.

Looking from our back yard will we see the side of the panels? Will they face south east? – As described above, the panel will face east in the morning and rotate west during the day. At mid-day they will be parallel to the ground. From your home, you would likely be facing the panels front or back depending on the time of day. The large setback and vegetative screening will help buffer your view.

We do appreciate the panels will be behind the transmission lines. What will be in the field between our property line and the transmission line where the panels will start? How will that be maintained? Land leased by Golden Solar will be maintained by Golden Solar's operation team. At this time, we anticipate planting a weed-resistant native grass seed mix that will be maintained by mowing. There is a chance that large areas of land without panels on it could continue to be farmed by the landowner or their tenant farmer, but that would be a discussion with Golden Solar and the landowner closer to construction and operation.

Please let me know if you have any more questions.

Thank you
Courtney



From: Courtney Pelissero <cpelissero@nationalgridrenewables.com>
Sent: Wednesday, May 11, 2022, 1:04 PM
To: [REDACTED]
Cc: Aaron Ford <aford@nationalgridrenewables.com>
Subject: RE: [External] Solar Panels in Caldwell Co

Hello [REDACTED]

I appreciate you taking the time to capture multiple pictures. I was not able to see any pictures attached to your email. Could you please try resending those pictures? Could you also please let me know where on your property each picture was taken?

We are currently working on updating our preliminary layout and the answers to your questions below will be based on that updated layout. I want to make sure I give you the most up-to-date information, so after we have completed the preliminary layout, I will follow up with answers to your questions. We anticipate having the preliminary layout complete by early June. Please let me know if you have any other questions in the meantime.

Thank you,
Courtney



From: [REDACTED]
Sent: Friday, May 6, 2022, 8:34 AM
To: Courtney Pelissero <cpelissero@nationalgridrenewables.com>
Subject: Re: [External] Solar Panels in Caldwell Co

Hi Courtney

Thanks for sending the information and sending pictures.

We have a couple more questions. Could you please answer for us.
How tall will the panels be? Just wondering if we will still be able to see the tree line in very back?

Will they face the same way as in the example picture?

Looking from our back yard will we see the side of the panels? Will they face south east?

We do appreciate the panels will be behind the transmission lines. What will be in the field between our property line and the transmission line where the panels will start? How will that be maintained?

I've attached 3 pictures I hope you can use them for rendering. It would be great to be able to see how they will look and how much of our view will be obstructed.

If you need more pictures or a different view please let me know.

Sitting on our deck this morning I will say it's difficult to think the wheat fields we love and our view will soon change.

We appreciate your help with understanding this transition.

On Mon, Apr 25, 2022, at 1:04 PM, Courtney Pelissero <cpelissero@nationalgridrenewables.com> wrote

Hello [REDACTED]

Thank you for your patience while I gathered more information.

The trees in the vegetative buffers are planted at a younger height so they can establish properly. Planting fully grown trees increases the risk for the trees to not establish properly and need replacement. The trees are typically planted around 3-4 ft, reach 8-11 ft after 5-7 years, and reach full maturity after up to 20 years. At maturity the trees are typically 15-25 ft depending on species. Our proposed buffer includes evergreen trees, deciduous trees, and a mix of shrubs. I have attached a rendering that shows an example of what the vegetative buffer may look like from 200 ft away.

In our preliminary design, we have the panels setback behind the existing transmission line, which is over 900 ft from your home. This large setback in addition to the proposed vegetation should mitigate visual impacts. If you could send me a few pictures of your view from the back of your house, I will see if we can use that picture to create a visual rendering to give you a better idea of what the view may be. I know you had sent one photo when we had last met, but if you could take a larger photo, oriented horizontally, I think we can get a better rendering. Please take a few photos so the rendering team can select the best one for their computer program. For the photos please take them horizontally, show the transmission line, and try to include something in the foreground that helps identify the location of the picture. Please let me know where the photos were taken based on the Google Earth image below. I have attached two example photos that have been used for a rendering in the past.

Please reach out if you have any more questions about the buffer or taking a picture for a visual rendering.



Regards,
Courtney

 **nationalgrid** renewables
Courtney Pelissero
Permitting Specialist
P 952.358.5693



From: [Redacted]
Sent: Tuesday, April 5, 2022, 10:33 AM
To: Courtney Pelissero <cpelissero@nationalgridrenewables.com>
Subject: Re: [External] Solar Panels in Caldwell Co

You don't often get email from [Redacted]. [Learn why this is important.](#)

Thanks for the update Courtney!

On Mon, Apr 4, 2022 at 4:23 PM Courtney Pelissero <cpelissero@nationalgridrenewables.com> wrote

Hello [Redacted]

I am glad [Redacted] was able to attend the public information meeting and that my answers were helpful for you. I wanted to let you know that I have received your message and am gathering information on the planned vegetative buffer to share with you. I will reach back out with that information this week or early next week.

Thank you,
Courtney

 **nationalgrid** renewables
Courtney Pelissero
Permitting Specialist
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[8400 Normandale Lake Boulevard, Suite 1200 | Bloomington, MN 55437](https://www.nationalgridrenewables.com/locations/8400-Normandale-Lake-Boulevard-Suite-1200-Bloomington-MN-55437)

From: [Redacted]
Sent: Wednesday, March 30, 2022, 8:00 AM

To: Courtney Pelissero <cpelissero@nationalgridrenewables.com>
Subject: [External] Solar Panels in Caldwell Co

You don't often get email from [REDACTED]. [Learn why this is important](#)

Good morning Cortney,

My husband [REDACTED] came to the meeting about the solar panels last week. He had a list of questions with him. Thank you very much for taking the time to answer the questions on paper. After reviewing all the answers, we have a couple of questions about the tree buffer.

[REDACTED] said, he understood the trees will be small with 8-10 year to full growth. Would there be a way to plant already established tree balls or trees that grow quickly, like 3-5 ft per year? Can you please tell me what type of trees will be used for the buffer ?

We spend a lot of time outdoors and our view of the back farm lands, deer and tree lines are going to be missed. This is a big change to our community. I can't even imagine lines of solar panels in the back fields.

We appreciate your help with getting an established tree buffer as quickly as possible.

I look forward to hearing from you.

[REDACTED]



Screening at Planting



Screening at Year 5



Screening at Maturity



These renderings were created to show an example of what the proposed screening may look like. The images do not originate from the actual site.

VIEW 1: 14440 MARION ROAD - LOOKING EAST

EXISTING CONDITIONS



Westwood

Phone (652) 937-6150 12701 Whiteaker Drive
Fax (652) 937-9822 Menasha, WI 53449
Toll Free (888) 937-6150 westwoodps.com
Westwood Professional Services, Inc.

07-29-22
0028136



GOLDEN SOLAR
CALDWELL COUNTY, KY

VIEW 1: 14440 MARION ROAD - LOOKING EAST

LANDSCAPE BUFFER TYPE 2 AT PLANTING



Westwood

Phone (852) 937-6150 12701 Whiteaker Drive
Fax (852) 937-5822 Marietta, MN 55343
Toll Free (888) 937-6150 westwoodps.com
Westwood Professional Services, Inc.

07-29-22
0028136



GOLDEN SOLAR
CALDWELL COUNTY, KY

VIEW 1: 14440 MARION ROAD - LOOKING EAST

LANDSCAPE BUFFER TYPE 2 AT 5 YEARS OF GROWTH



Westwood

Phone (652) 937-6150 12701 Whiteaker Drive
Fax (652) 937-9822 Mendota, WI 53143
Toll Free (888) 937-6150 westwoodps.com
Westwood Professional Services, Inc.

07-29-22
0028136



GOLDEN SOLAR
CALDWELL COUNTY, KY

VIEW 1: 14440 MARION ROAD - LOOKING EAST

LANDSCAPE BUFFER TYPE 2 AT MATURITY



Westwood

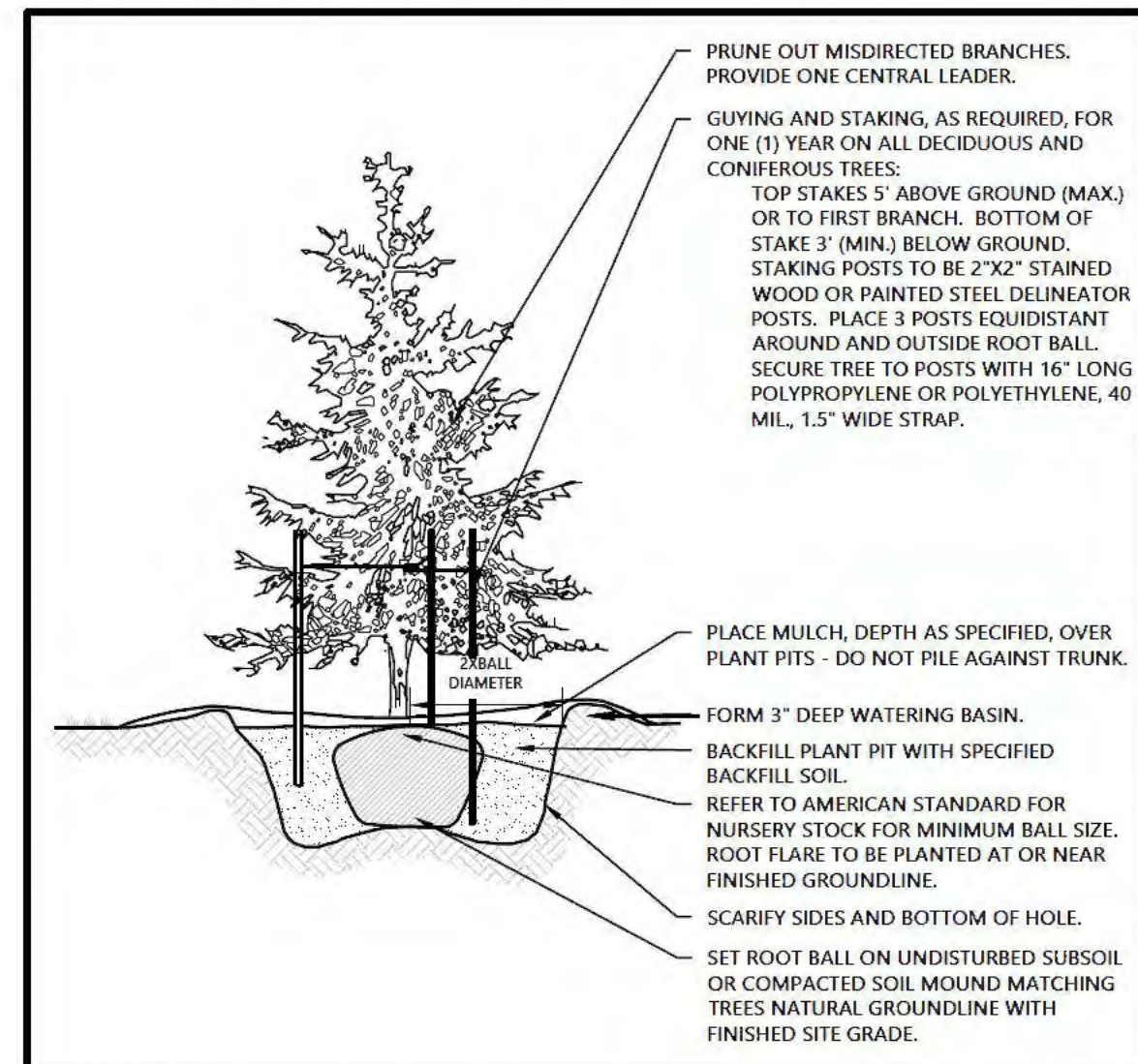
Phone (852) 937-9150 12701 Whiteaker Drive
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Toll Free (888) 937-9150 westwoodps.com
Westwood Professional Services, Inc.

07-29-22
0028136

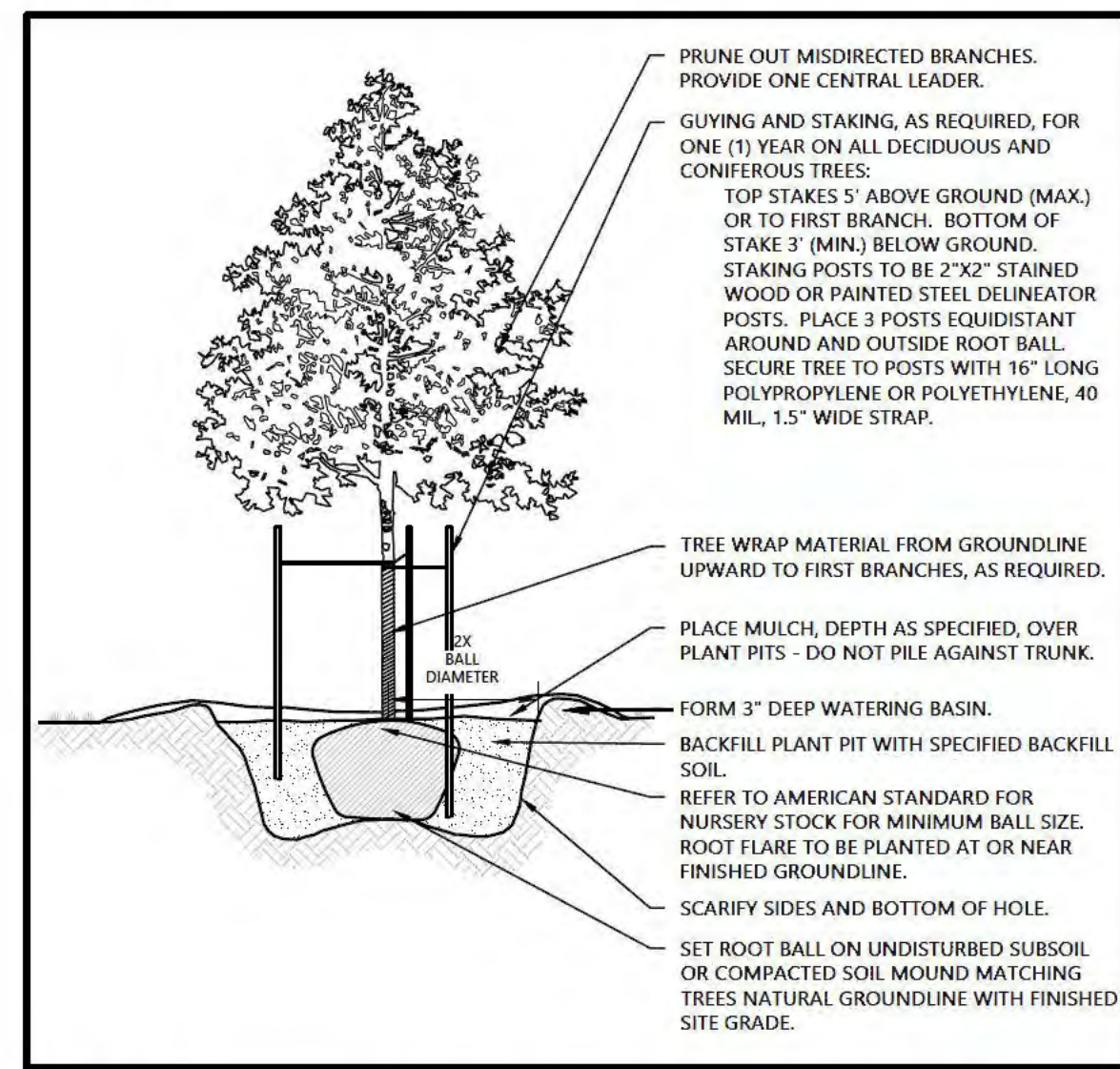


GOLDEN SOLAR
CALDWELL COUNTY, KY

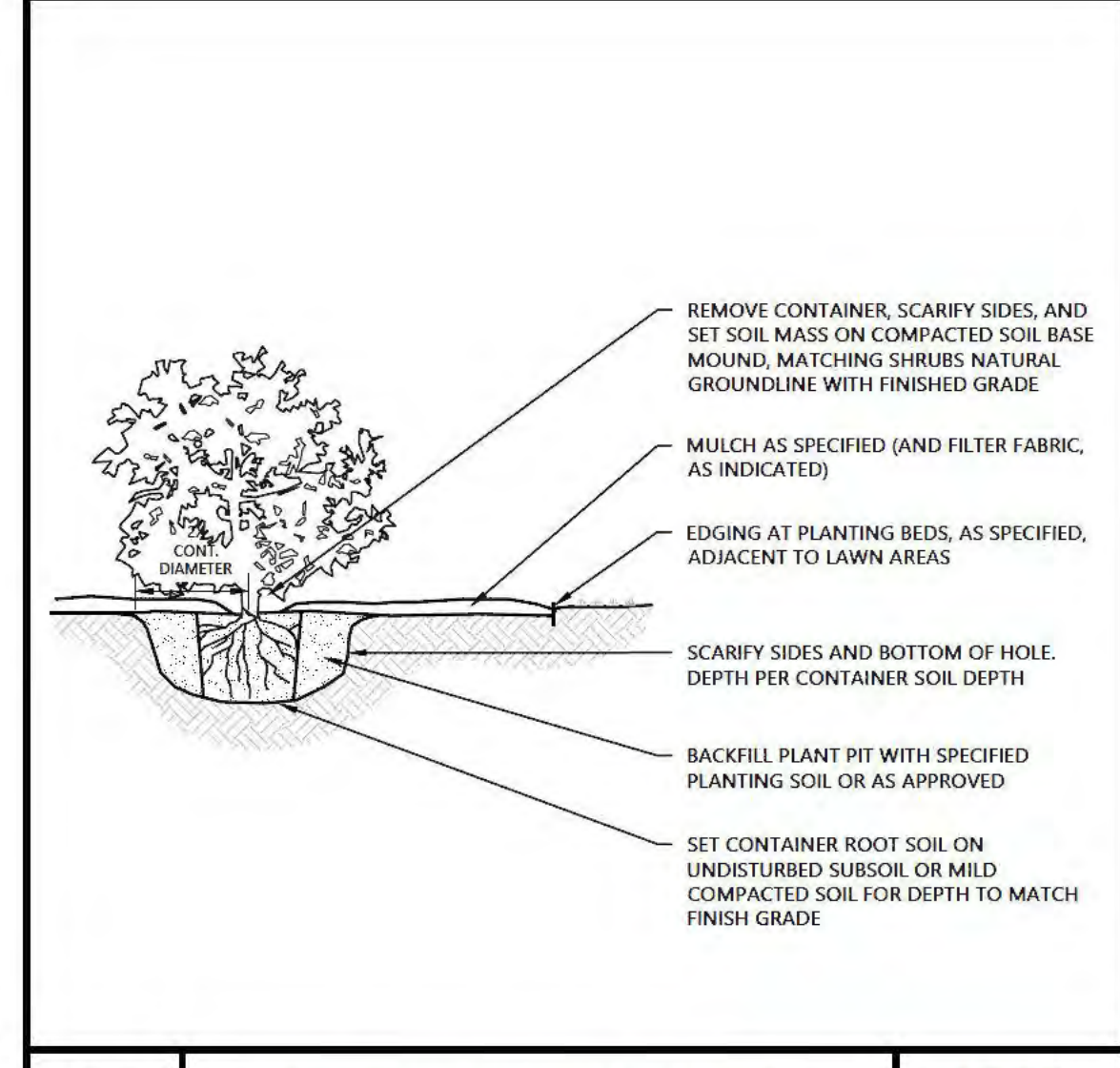
PLANTING DETAILS



Westwood EVERGREEN TREE PLANTING LA01 NOT TO SCALE



Westwood DECIDUOUS TREE PLANTING LA02 NOT TO SCALE



Westwood SHRUB & PERENNIAL CONTAINER PLANTING LA03 NOT TO SCALE

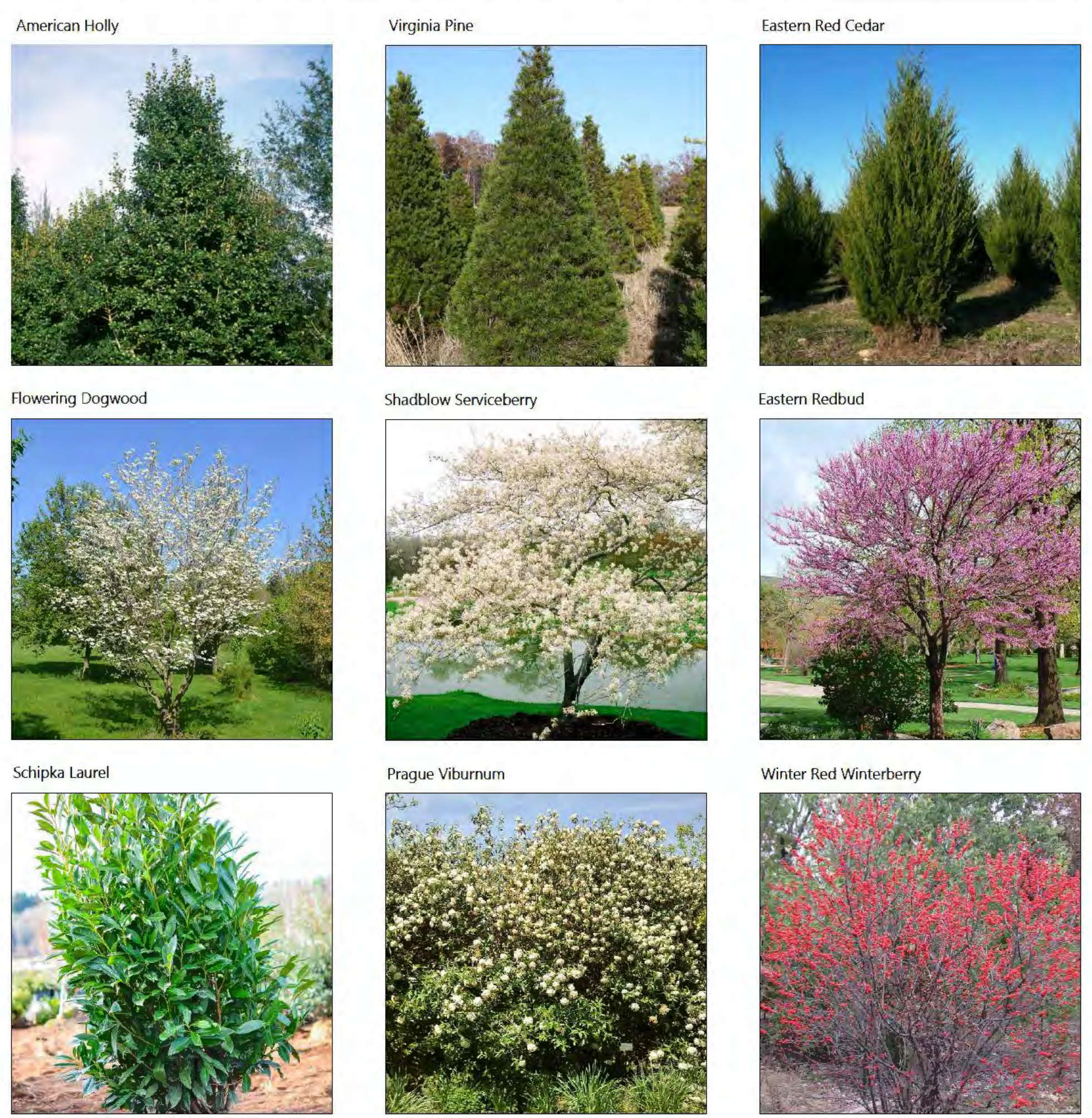
PRELIMINARY BUFFER & SCREENING PLANT SPECIES LIST

SYMBOL	COMMON/BOTANICAL NAME	SIZE (AT INSTALLATION)	SPACING O.C.	MATURE SIZE
EVERGREEN TREES (MEV)	Virginia Pine / <i>Pinus virginiana</i>	3' H.T., BB	15' O.C.	H 20'-60' W 10'-30'
	Eastern Red Cedar / <i>Juniperus virginiana</i>	3' H.T., BB	15' O.C.	H 30'-60' W 8'-25'
	American Holly / <i>Ilex opaca</i>	3' H.T., BB	15' O.C.	H 15'-30' W 10'-20'
DECIDUOUS TREES (DEC)	Shadblow Serviceberry / <i>Amalanchier canadensis</i>	3' H.T., BB, CLUMP	100' O.C.	H 20' W 20'
	Eastern Redbud / <i>Cercis canadensis</i>	3' H.T., BB, CLUMP	100' O.C.	H 20'-30' W 25'-35'
	Flowering Dogwood / <i>Cornus florida</i>	3' H.T., BB, CLUMP	100' O.C.	H 20' W 25'-35'
DECIDUOUS SHRUBS (SHB)	Winter Red Winterberry / <i>Ilex verticillata</i>	#5 CONT.	10' O.C.	H 6'-8' W 6'-8'
	Schipka Laurel / <i>Prunus laurocerasus</i> 'Schipkadensis'	#5 CONT.	10' O.C.	H 10'-18' W 5'-7'
	Prague Viburnum / <i>Viburnum x pragense</i>	#5 CONT.	10' O.C.	H 8'-12' W 8'-12'

NOTES:

1. QUANTITIES ON PLAN SUPERSEDE LIST QUANTITIES IN THE EVENT OF A DISCREPANCY.
2. B.B. SPECIFIES ROOT TYPE AS BALLED AND BURLAPPED.
3. H.T. SPECIFIES MINIMUM SPECIMEN HEIGHT UPON INSTALLATION.
4. #5 CONT. TO MEET MINIMUM SIZE REQUIREMENT OF 24"H OR 30"W FOR DECIDUOUS SHRUBS UPON INSTALLATION. IF PLANT SIZE UNAVAILABLE AT #5 CONT. UPSIZE CONTAINER UNTIL MINIMUM PLANT SIZE REQUIREMENT IS MET.
5. PLANT SPECIES SUBJECT TO CHANGE BASED UPON AVAILABILITY AT TIME OF PLANTING

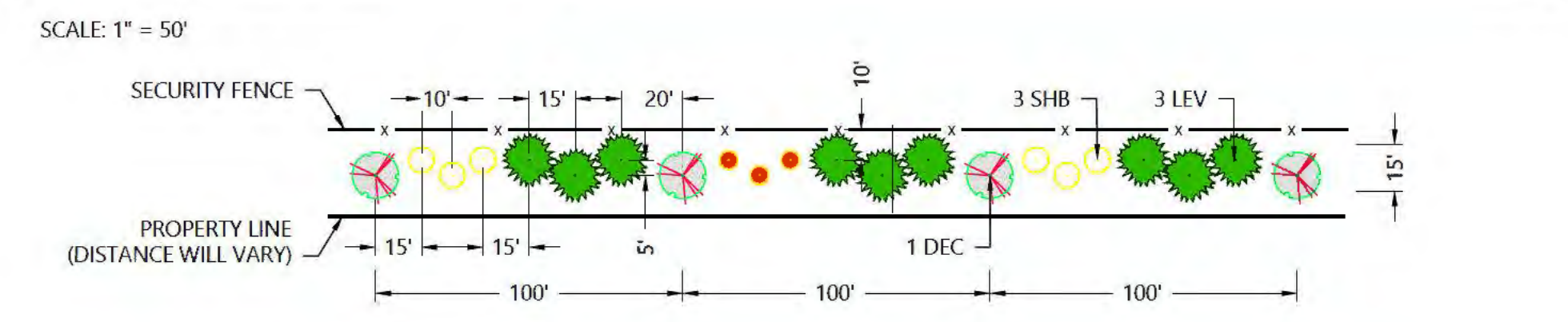
PRELIMINARY BUFFER & SCREENING PLANT MATERIAL



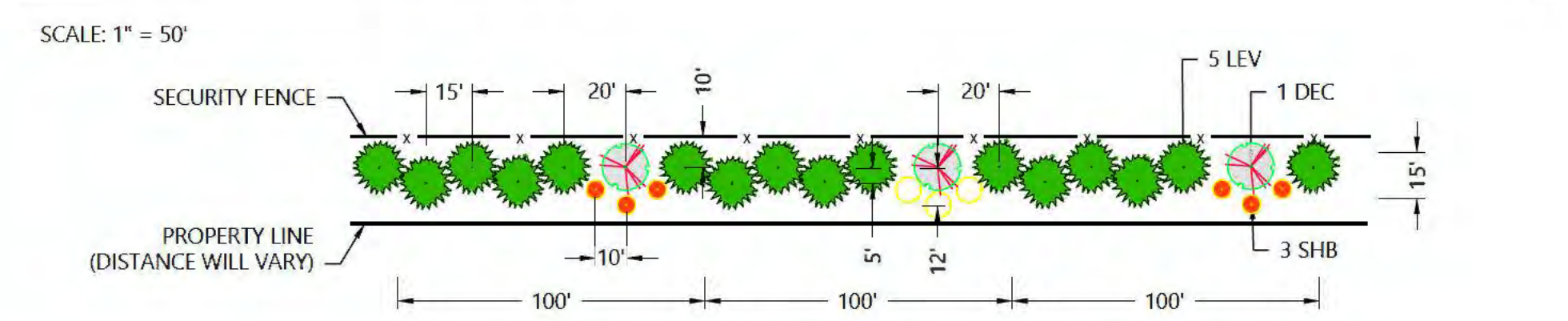
VEGETATIVE SCREENING SELECTION & INTENT

THE PROPOSED PLANS INCLUDE INSTALLING VEGETATIVE LANDSCAPE BUFFERS WHICH UTILIZE, TO THE EXTENT COMMERCIALY PRACTICABLE, NATIVE TREES AND SHRUBS OR OTHER SPECIES THAT GROW WELL IN THIS CLIMATE AT STRATEGIC LOCATIONS ACROSS THE PROJECT SITE TO LIMIT DIRECT VIEWS OF THE ARRAY. ONE BENEFIT TO USING NATIVE PLANTS OR OTHER REGIONALLY APPROPRIATE SPECIES IS THAT THEY ARE ACCLIMATED TO THE PARTICULAR CLIMATE AND ENVIRONMENTAL CONDITIONS, THUS ALLOWING FOR A QUICKER ESTABLISHMENT AND INCREASED SURVIVAL RATES. THE PROPOSED VEGETATIVE LANDSCAPE BUFFERS ARE COMPOSED OF EVERGREEN TREES THAT CAN PROVIDE LUSH GREEN YEAR ROUND SCREENING AND DECIDUOUS SHRUBS THAT CAN HELP PROVIDE ADDITIONAL SCREENING AND BE VISUALLY APPEALING ACROSS MULTIPLE SEASONS. SOME OF THE CHARACTERISTICS THAT THESE NATIVE SHRUBS HAVE BEEN SELECTED FOR INCLUDE FOLIAGE AND STEM COLOR, FLOWERS AND FRUIT PRODUCTION. THE SHRUBS PROPOSED TO BE PLANTED IN SMALL MASSES SO THAT AT ANY ONE TIME IN THE YEAR ONE SPECIES MIGHT DISPLAY SOME OF THESE AESTHETIC CHARACTERISTICS. BEYOND THE AESTHETIC VALUE, THE PROPOSED PLANTS CAN PROVIDE ADDITIONAL WILDLIFE BENEFITS THAT INCLUDE A SOURCE FOR POLLINATORS, SHELTER, FORAGE AND WINTER HABITAT. AS THE PLANTS MATURE THEY WILL GROW CLOSER TOGETHER CREATING A TYPE OF NATURAL HEDGE.

LANDSCAPE BUFFER TYPE 1:



LANDSCAPE BUFFER TYPE 2:



PLANTING NOTES

1. CONTRACTOR SHALL CONTACT KENTUCKY "ONE CALL" 811 OR 1-800-752-6007 TO VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF ANY PLANTS OR LANDSCAPE MATERIAL.
2. ACTUAL LOCATION OF PLANT MATERIAL IS SUBJECT TO FIELD AND SITE CONDITIONS.
3. NO PLANTING WILL BE INSTALLED UNTIL ALL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.
4. ALL SUBSTITUTIONS MUST BE APPROVED BY THE OWNER PRIOR TO SUBMISSION OF ANY BID AND/OR QUOTE BY THE LANDSCAPE CONTRACTOR.
5. CONTRACTOR SHALL PROVIDE ONE YEAR GUARANTEE OF ALL PLANT MATERIALS. THE GUARANTEE BEGINS ON THE DATE OF THE OWNER'S WRITTEN ACCEPTANCE OF THE INITIAL PLANTING. REPLACEMENT PLANT MATERIAL SHALL HAVE A ONE YEAR GUARANTEE COMMENCING UPON PLANTING.
6. ALL PLANTS TO BE SPECIMEN GRADE, KENTUCKY-GROWN AND/OR HARDY. SPECIMEN GRADE SHALL ADHERE TO, BUT IS NOT LIMITED BY, THE FOLLOWING STANDARDS:
ALL PLANTS SHALL BE FREE FROM DISEASE, PESTS, WOUNDS, SCARS, ETC.
ALL PLANTS SHALL BE FREE FROM NOTICEABLE GAPS, HOLES, OR DEFORMITIES.
ALL PLANTS SHALL BE FREE FROM BROKEN OR DEAD BRANCHES.
ALL PLANTS SHALL HAVE HEAVY, HEALTHY BRANCHING AND LEAFING.
CONIFEROUS TREES SHALL HAVE AN ESTABLISHED MAIN LEADER AND A HEIGHT TO WIDTH RATIO OF NO LESS THAN 5:3.
7. PLANTS TO MEET AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1-2004 OR MOST CURRENT VERSION) REQUIREMENTS FOR SIZE AND TYPE SPECIFIED.
8. PLANTS TO BE INSTALLED AS PER KNLA & ANSI STANDARD PLANTING PRACTICES.
9. PLANTS SHALL BE IMMEDIATELY PLANTED UPON ARRIVAL AT SITE. PROPERLY HEEL-IN MATERIALS IF NECESSARY; TEMPORARY ONLY.
10. PRIOR TO PLANTING, FIELD VERIFY THAT THE ROOT COLLAR/ROOT FLAIR IS LOCATED AT THE TOP OF THE BALLED & BURLAP TREE. IF THIS IS NOT THE CASE, SOIL SHALL BE REMOVED DOWN TO THE ROOT COLLAR/ROOT FLAIR. WHEN THE BALLED & BURLAP TREE IS PLANTED, THE ROOT COLLAR/ROOT FLAIR SHALL BE EVEN OR SLIGHTLY ABOVE FINISHED GRADE.
11. REMOVE POT ON POTTED PLANTS; SPLIT AND BREAK APART PEAT POTS.
12. PRUNE PLANTS AS NECESSARY - PER STANDARD NURSERY PRACTICE AND TO CORRECT POOR BRANCHING OF EXISTING AND PROPOSED TREES.
13. THE NEED FOR SOIL AMENDMENTS SHALL BE DETERMINED UPON SITE SOIL CONDITIONS PRIOR TO PLANTING. LANDSCAPE CONTRACTOR SHALL NOTIFY OWNER FOR THE NEED OF ANY SOIL AMENDMENTS.
14. BACKFILL SOIL AND TOPSOIL TO BE EXISTING TOP SOIL FROM SITE FREE OF ROOTS, ROCKS LARGER THAN ONE INCH, SUBSOIL DEBRIS, AND LARGE WEEDS UNLESS SPECIFIED OTHERWISE. MINIMUM 12" DEPTH TOPSOIL FOR TREE, SHRUBS, AND PERENNIALS.
15. PROVIDE MULCH FOR ALL TREE AND SHRUB PLANTINGS PER DETAIL. MULCH TO BE SHREDDED HARDWOOD AND FREE OF DELETERIOUS MATERIAL. MULCH 3" DIAMETER RING AROUND ALL TREES AND SHRUBS TO A DEPTH OF 4". KEEP MULCH OFF TRUNK.
16. CONTRACTOR SHALL PROVIDE NECESSARY WATERING OF PLANT MATERIALS UNTIL THE PLANT IS FULLY ESTABLISHED OR IRRIGATION SYSTEM IS OPERATIONAL. OWNER WILL NOT PROVIDE WATER FOR CONTRACTOR.

Westwood

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 Fax (952) 937-5822 Minnetonka, MN 55343
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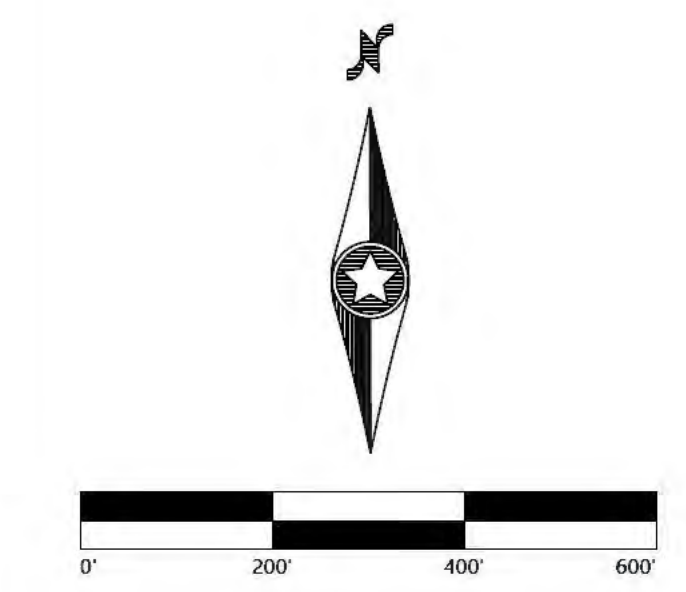
PREPARED FOR:

nationalgrid renewables

8400 Normandale Lake Blvd, Suite 1200
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Golden Solar Project
 Caldwell County, Kentucky

Buffer Screening Notes & Details

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SHEET: L.100

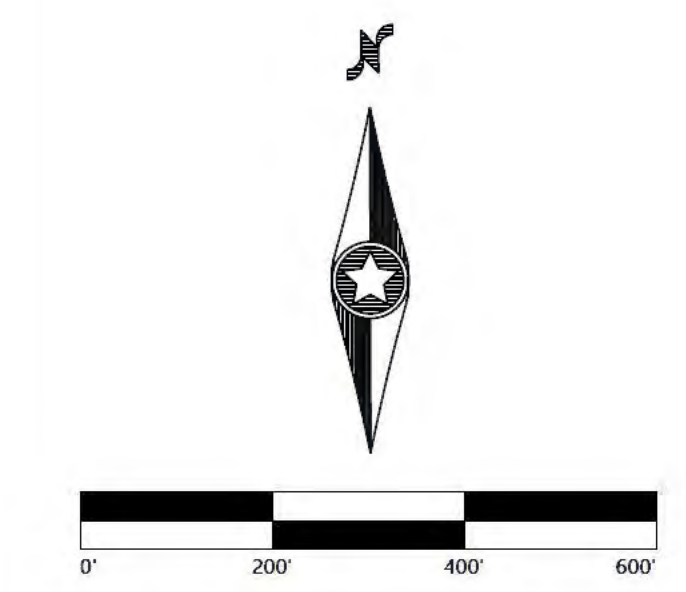
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Golden Solar Project
 Caldwell County, Kentucky

Horizontal Site Plan - 1

Not for Construction

DATE: 07/29/2022

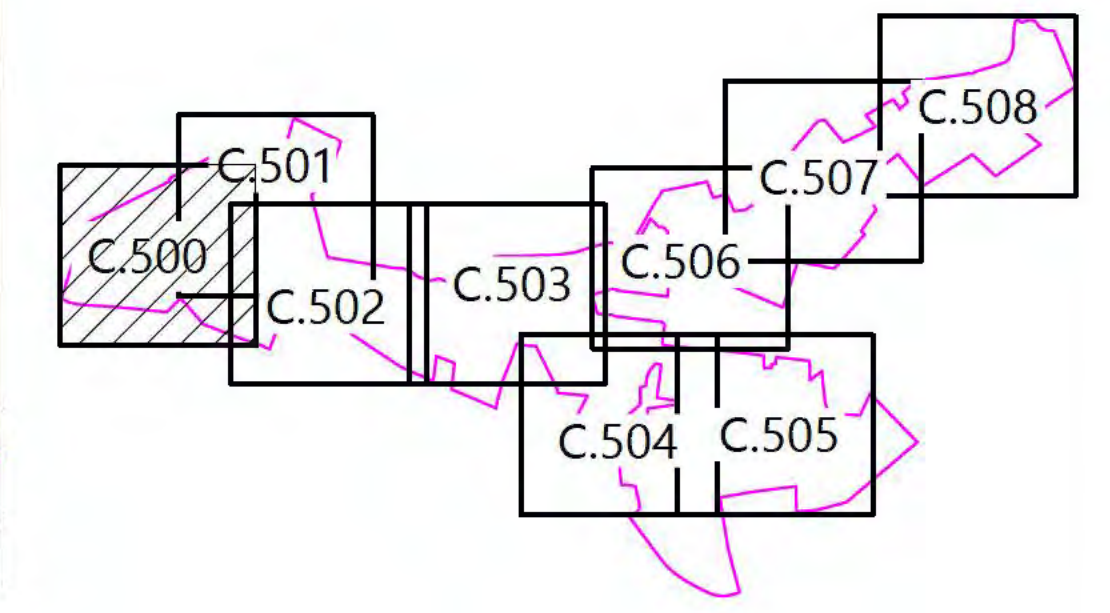
SHEET: C.500

LEGEND:

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- MODULE SETBACK
- EASEMENT LINES
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. TREELINE
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. BUILDING
- EX. FENCE
- EX. CULVERT
- EX. OVERHEAD POWER
- EX. SUBSTATION
- EX. STREAM CHANNEL
- EX. WETLAND
- WETLAND SETBACK
- EX. KARST FEATURE
- 25' KARST SETBACK
- FEMA FLOOD ZONE
- 200' PANEL SETBACK FROM RESIDENCE
- 450' INVERTER SETBACK FROM RESIDENCE
- FOREST AVOIDANCE
- PROPOSED SOLAR ARRAY
- PROPOSED INVERTER
- PROPOSED ACCESS ROAD
- PROPOSED LOW WATER CROSSING
- PROPOSED SECURITY FENCE
- PROPOSED LAYDOWN YARD
- PROPOSED SUBSTATION
- PROPOSED O&M BUILDING
- PROPOSED LANDSCAPE BUFFER TYPE 1
- PROPOSED LANDSCAPE BUFFER TYPE 2
- PROPOSED SUPPLEMENTAL LANDSCAPE BUFFER
- EXISTING SUFFICIENT LANDSCAPE BUFFER
- PRELIMINARY WEATHER STATION LOCATION

- NOTES:**
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 - SEE SHEETS C.700-C.701 FOR SITE DETAILS, FENCING DETAILS, AND ROAD SECTION DETAILS.
 - SEE GRADING AND DRAINAGE SHEETS C.600-C.625 FOR PROPOSED SITE EARTHWORKS AND DRAINAGE INFORMATION.
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 - PROPOSED GENTIE ROUTE IS PRELIMINARY AND IS SUBJECT TO CHANGE UPON FURTHER DESIGN.

KEYMAP:



SEE SHEET C.501

SEE SHEET C.502

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[Double line]	EX. PAVED ROAD
[Single line]	EX. GRAVEL ROAD
[Rectangle]	EX. BUILDING
[Circle]	EX. FENCE
[Circle with 'STO']	EX. CULVERT
[Circle with 'POH']	EX. OVERHEAD POWER
[Square]	EX. SUBSTATION
[Blue line]	EX. STREAM CHANNEL
[Blue hatched area]	EX. WETLAND
[Green hatched area]	WETLAND SETBACK
[Red hatched area]	EX. KARST FEATURE
[Orange hatched area]	25' KARST SETBACK
[Red dashed line]	FEMA FLOOD ZONE
[Red dashed line]	200' PANEL SETBACK FROM RESIDENCE
[Red dashed line]	450' INVERTER SETBACK FROM RESIDENCE
[Yellow hatched area]	FOREST AVOIDANCE
[Grid pattern]	PROPOSED SOLAR ARRAY
[Circle]	PROPOSED INVERTER
[Double line]	PROPOSED ACCESS ROAD
[Cross-hatched area]	PROPOSED LOW WATER CROSSING
[Dashed line]	PROPOSED SECURITY FENCE
[Black hatched area]	PROPOSED LAYDOWN YARD
[Square]	PROPOSED SUBSTATION
[Black hatched area]	PROPOSED O&M BUILDING
[Green hatched area]	PROPOSED LANDSCAPE BUFFER TYPE 1
[Yellow hatched area]	PROPOSED LANDSCAPE BUFFER TYPE 2
[Green line]	PROPOSED SUPPLEMENTAL LANDSCAPE BUFFER
[Blue line]	EXISTING SUFFICIENT LANDSCAPE BUFFER
[Black square]	PRELIMINARY WEATHER STATION LOCATION

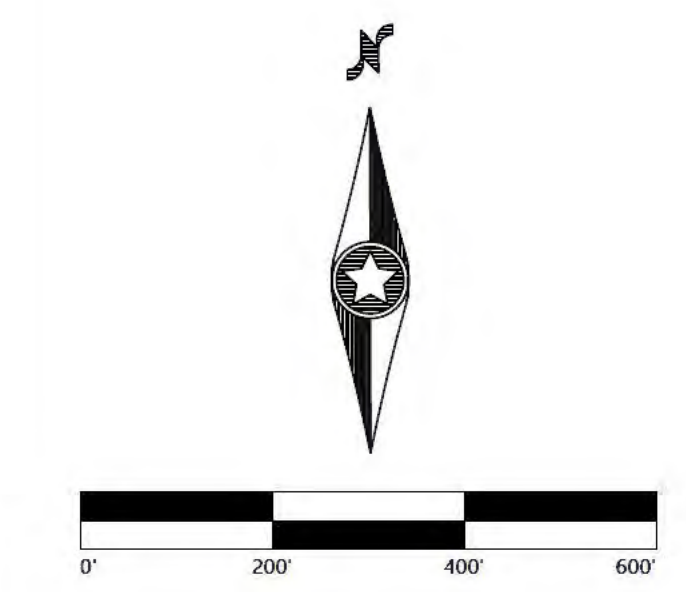
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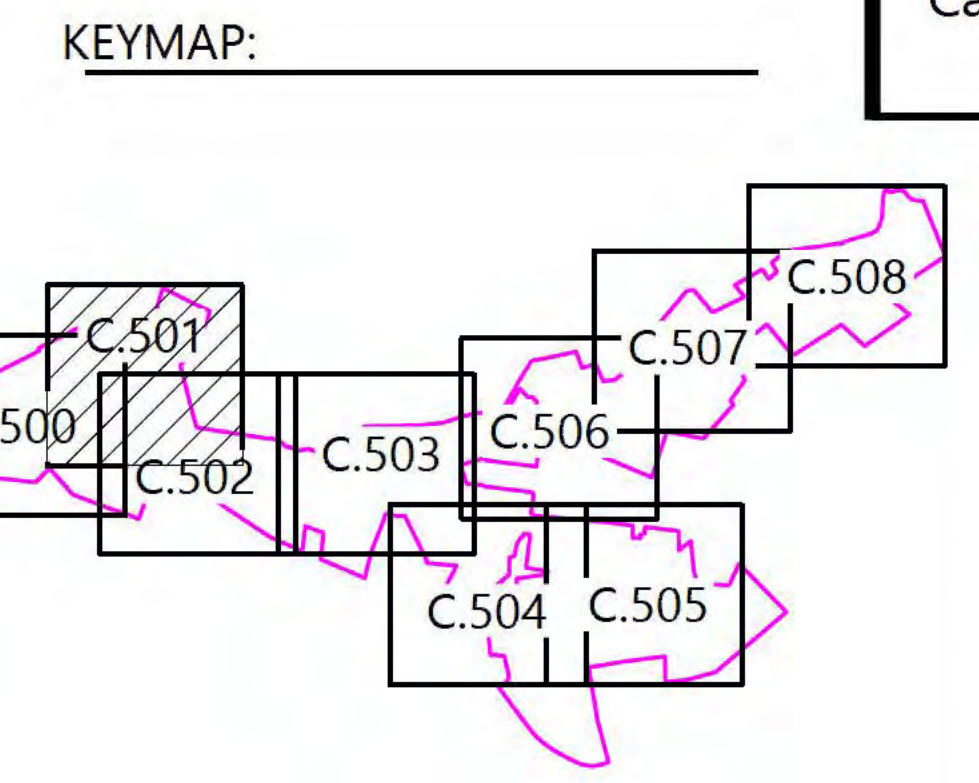
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Golden Solar Project
 Caldwell County, Kentucky



Horizontal Site Plan - 2

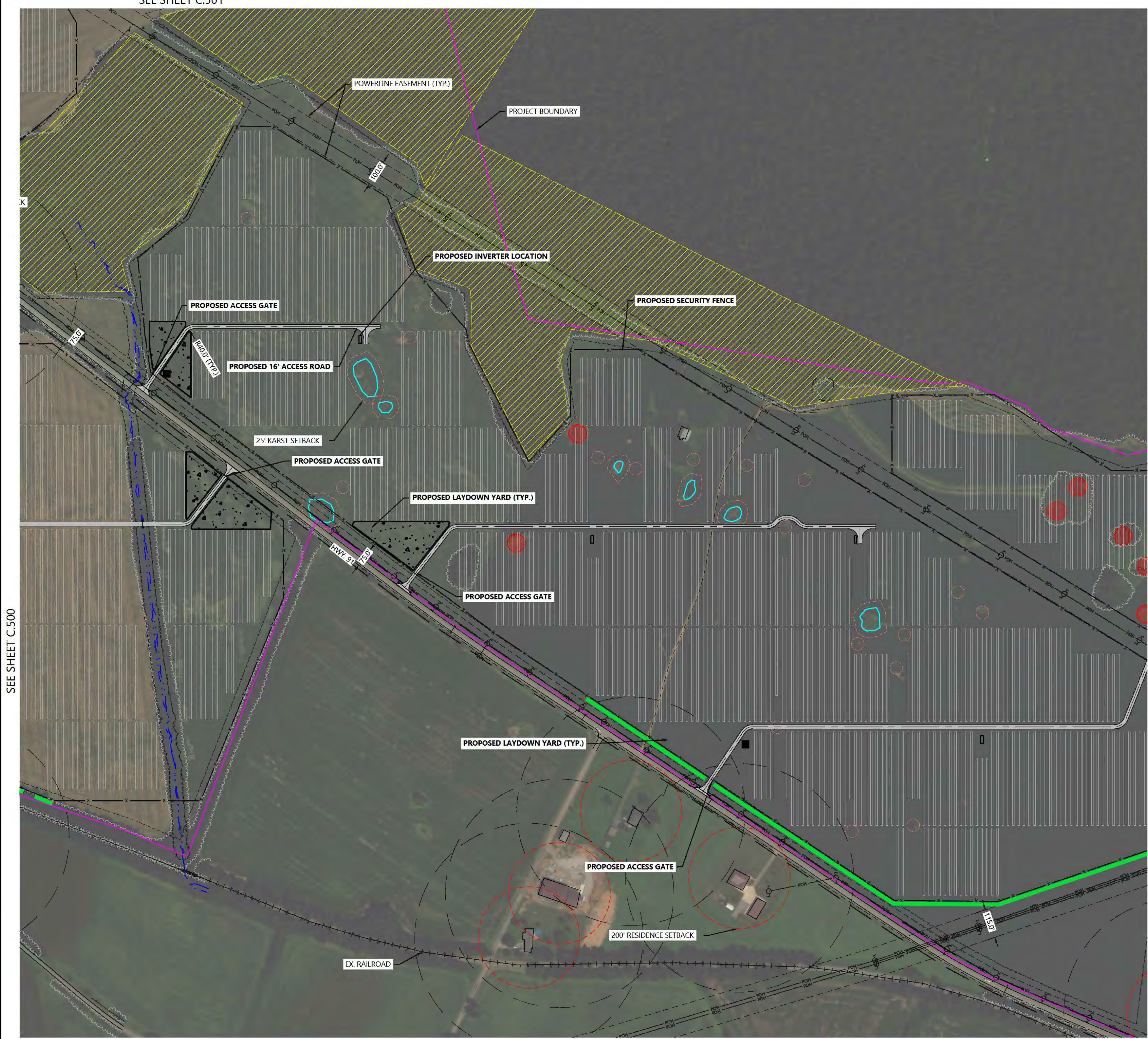
Not for Construction
 DATE: 07/29/2022
 SHEET: C.501

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SEE SHEET C.502

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SEE SHEET C.501



LEGEND:

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	EASEMENT LINES
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	EX. INTERVAL CONTOUR
	EX. TREELINE
	EX. PAVED ROAD
	EX. GRAVEL ROAD
	EX. BUILDING
	EX. FENCE
	EX. CULVERT
	EX. OVERHEAD POWER
	EX. SUBSTATION
	EX. STREAM CHANNEL
	EX. WETLAND
	EX. WETLAND SETBACK
	EX. KARST FEATURE
	25' KARST SETBACK
	FEMA FLOOD ZONE
	200' PANEL SETBACK FROM RESIDENCE
	450' INVERTER SETBACK FROM RESIDENCE
	FOREST AVOIDANCE
	PROPOSED SOLAR ARRAY
	PROPOSED INVERTER
	PROPOSED ACCESS ROAD
	PROPOSED LOW WATER CROSSING
	PROPOSED SECURITY FENCE
	PROPOSED LAYDOWN YARD
	PROPOSED SUBSTATION
	PROPOSED O&M BUILDING
	PROPOSED LANDSCAPE BUFFER TYPE 1
	PROPOSED LANDSCAPE BUFFER TYPE 2
	PROPOSED SUPPLEMENTAL LANDSCAPE BUFFER
	EXISTING SUFFICIENT LANDSCAPE BUFFER
	PRELIMINARY WEATHER STATION LOCATION

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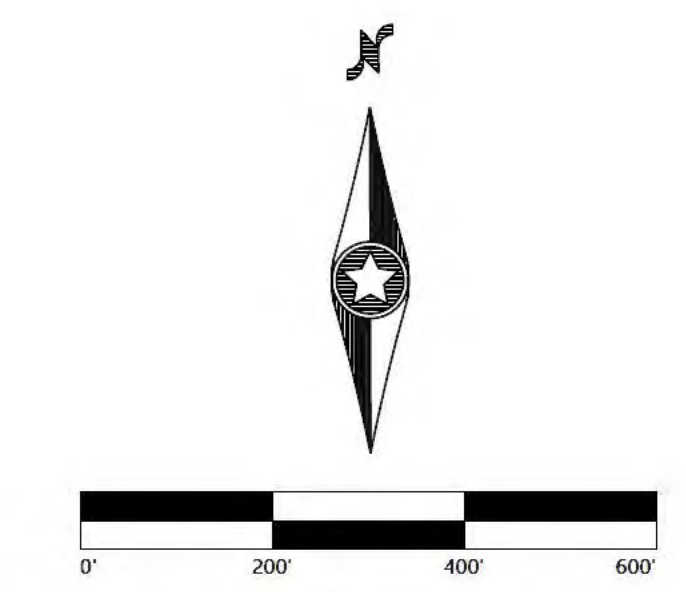
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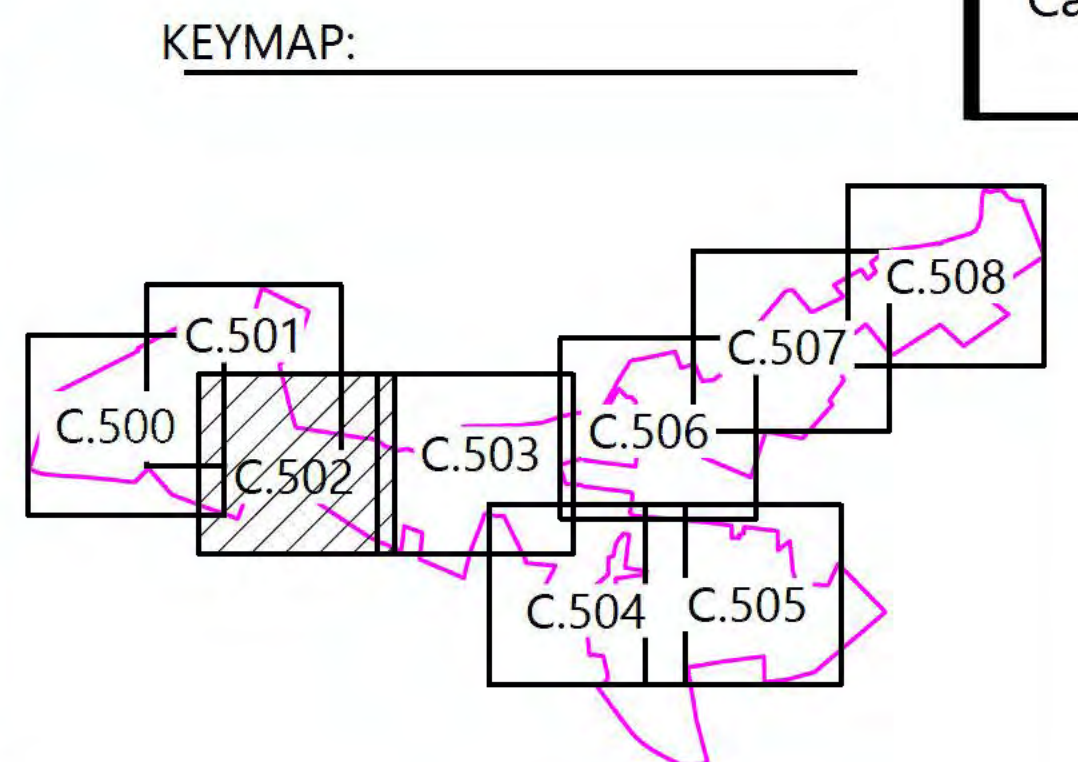
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Golden Solar Project
 Caldwell County, Kentucky

Horizontal Site Plan - 3



Not for Construction
 DATE: 07/29/2022
 SHEET: C.502

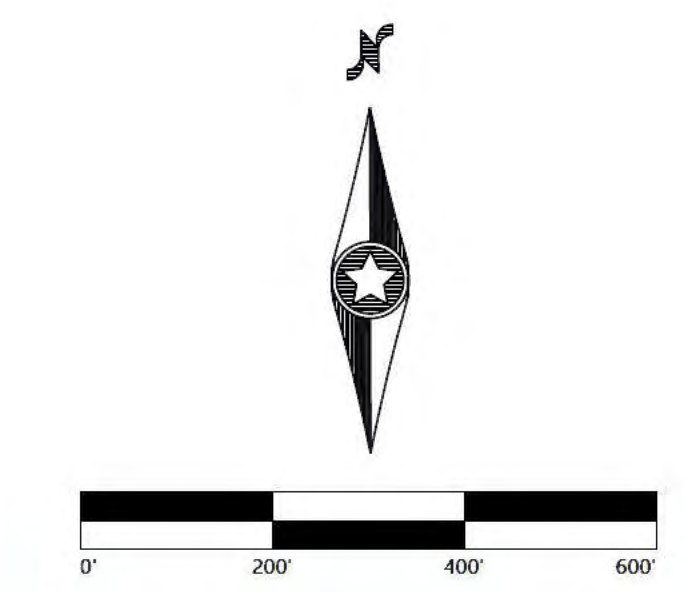
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Golden Solar Project
 Caldwell County, Kentucky

Horizontal Site Plan - 4

Not for Construction

DATE: 07/29/2022

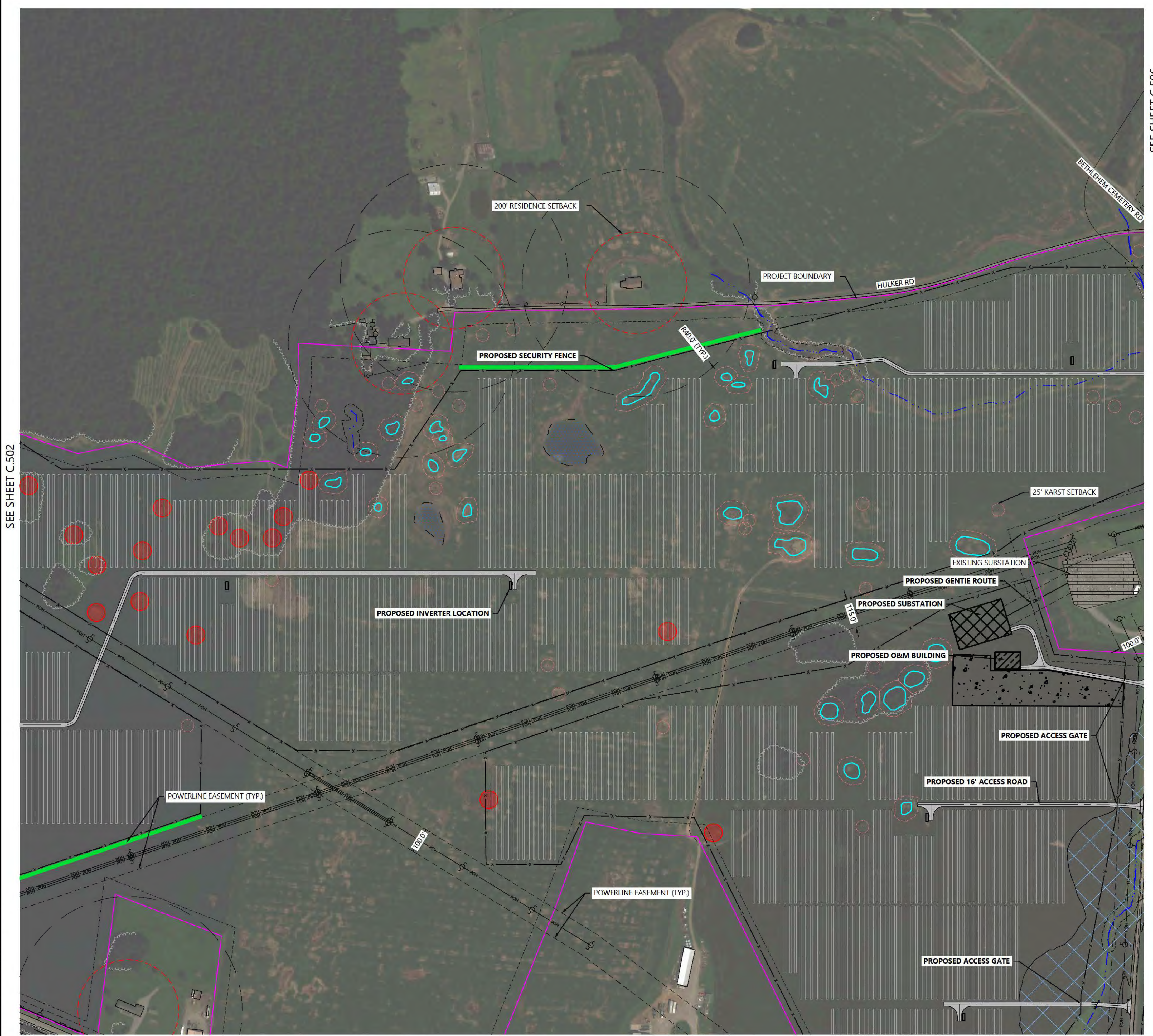
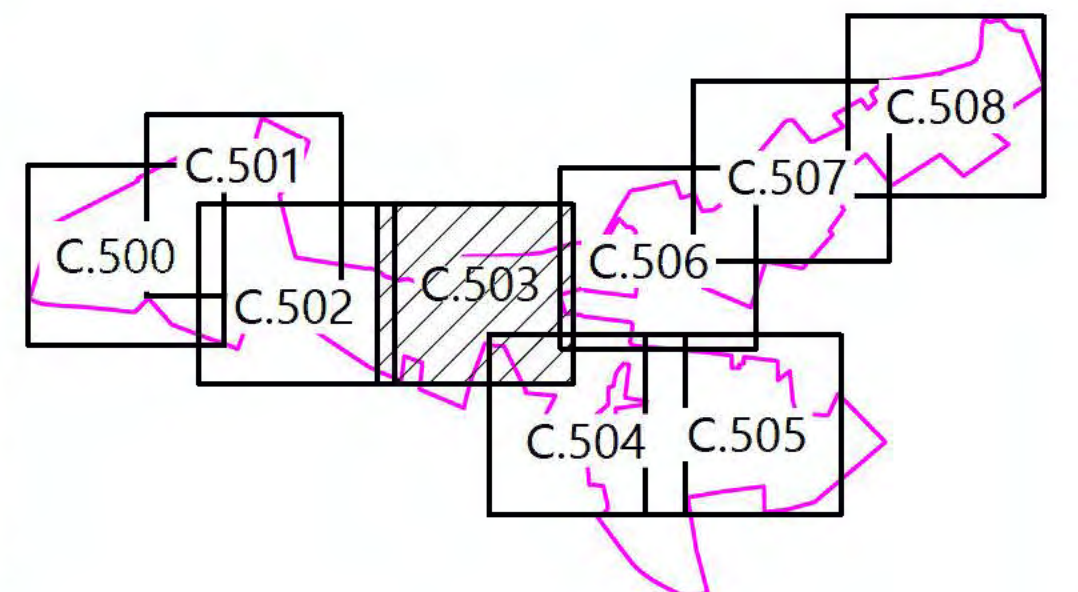
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- EASEMENT LINES
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- EX. TREELINE
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. BUILDING
- EX. FENCE
- EX. CULVERT
- EX. OVERHEAD POWER
- EX. SUBSTATION
- EX. STREAM CHANNEL
- EX. WETLAND
- WETLAND SETBACK
- EX. KARST FEATURE
- 25' KARST SETBACK
- FEMA FLOOD ZONE
- 200' PANEL SETBACK FROM RESIDENCE
- 450' INVERTER SETBACK FROM RESIDENCE
- FOREST AVOIDANCE
- PROPOSED SOLAR ARRAY
- PROPOSED INVERTER
- PROPOSED ACCESS ROAD
- PROPOSED LOW WATER CROSSING
- PROPOSED SECURITY FENCE
- PROPOSED LAYDOWN YARD
- PROPOSED SUBSTATION
- PROPOSED O&M BUILDING
- PROPOSED LANDSCAPE BUFFER TYPE 1
- PROPOSED LANDSCAPE BUFFER TYPE 2
- PROPOSED SUPPLEMENTAL LANDSCAPE BUFFER
- EXISTING SUFFICIENT LANDSCAPE BUFFER
- PRELIMINARY WEATHER STATION LOCATION

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KEYMAP:



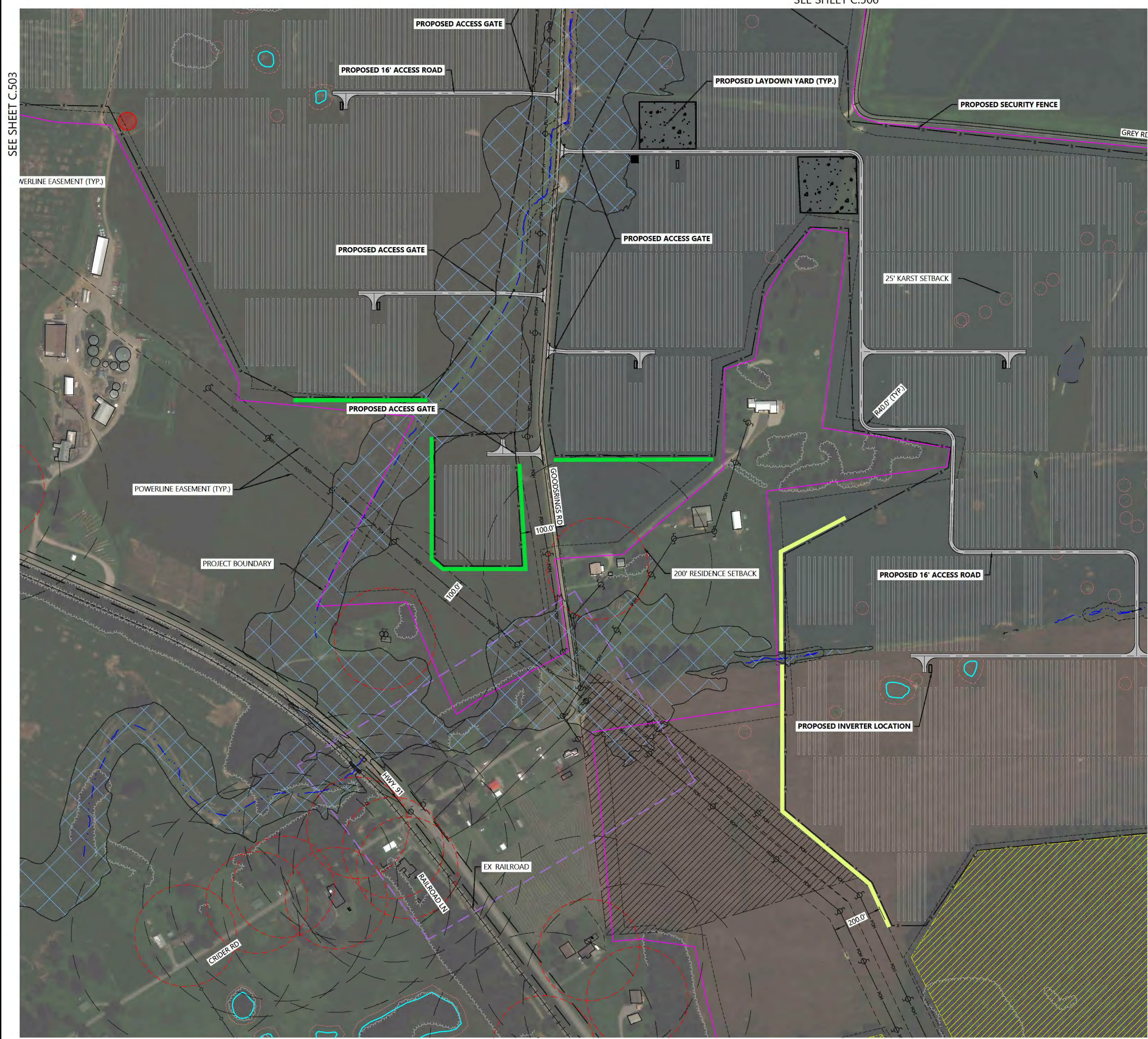
SEE SHEET C.506

SEE SHEET C.504

SEE SHEET C.502

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SEE SHEET C.503



SEE SHEET C.505

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[Light grey line]	EX. GRAVEL ROAD
[Black outline]	EX. BUILDING
[Circle]	EX. FENCE
[Circle with 'STO']	EX. CULVERT
[Circle with 'POH']	EX. OVERHEAD POWER
[Square]	EX. SUBSTATION
[Blue line]	EX. STREAM CHANNEL
[Blue hatched area]	EX. WETLAND
[Red hatched area]	WETLAND SETBACK
[Blue hatched area]	EX. KARST FEATURE
[Red hatched area]	25' KARST SETBACK
[Red hatched area]	FEMA FLOOD ZONE
[Red hatched area]	200' PANEL SETBACK FROM RESIDENCE
[Red hatched area]	450' INVERTER SETBACK FROM RESIDENCE
[Yellow hatched area]	FOREST AVOIDANCE
[Green hatched area]	PROPOSED SOLAR ARRAY
[Grey rectangle]	PROPOSED INVERTER
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[Grey rectangle]	PROPOSED LOW WATER CROSSING
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[Grey rectangle]	PROPOSED SUBSTATION
[Grey rectangle]	PROPOSED O&M BUILDING
[Green hatched area]	PROPOSED LANDSCAPE BUFFER TYPE 1
[Yellow hatched area]	PROPOSED LANDSCAPE BUFFER TYPE 2
[Green hatched area]	PROPOSED SUPPLEMENTAL LANDSCAPE BUFFER
[Blue hatched area]	EXISTING SUFFICIENT LANDSCAPE BUFFER
[Black square]	PRELIMINARY WEATHER STATION LOCATION

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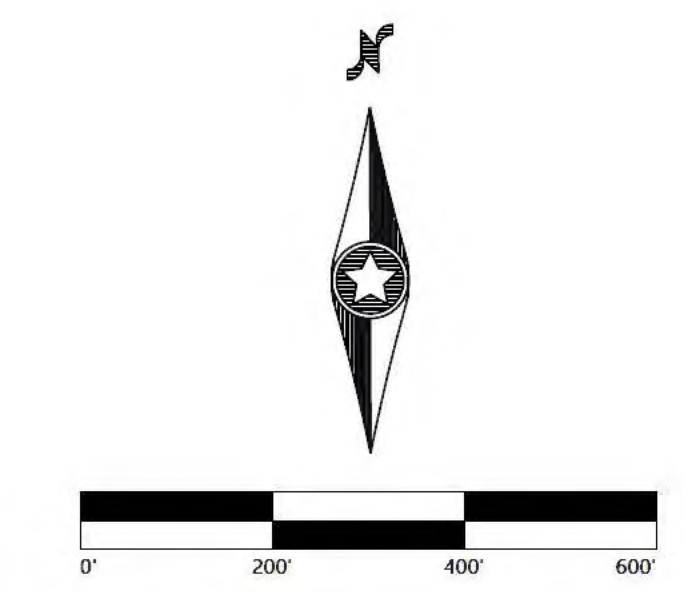
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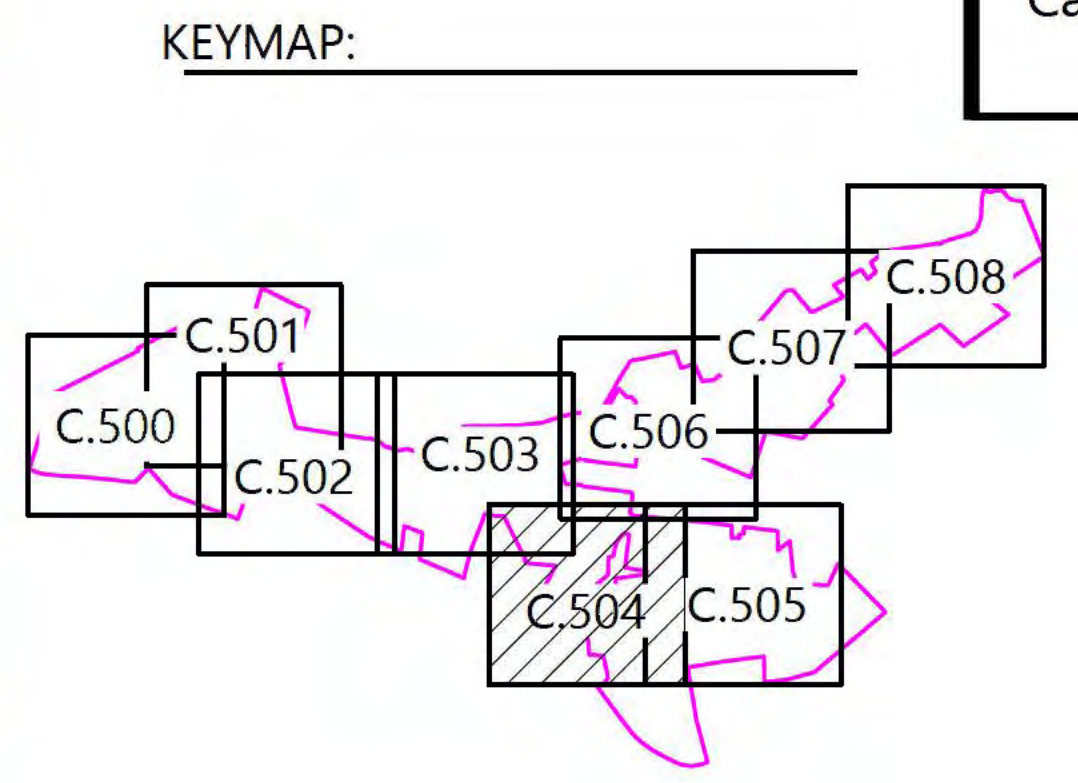
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#	DATE	COMMENT

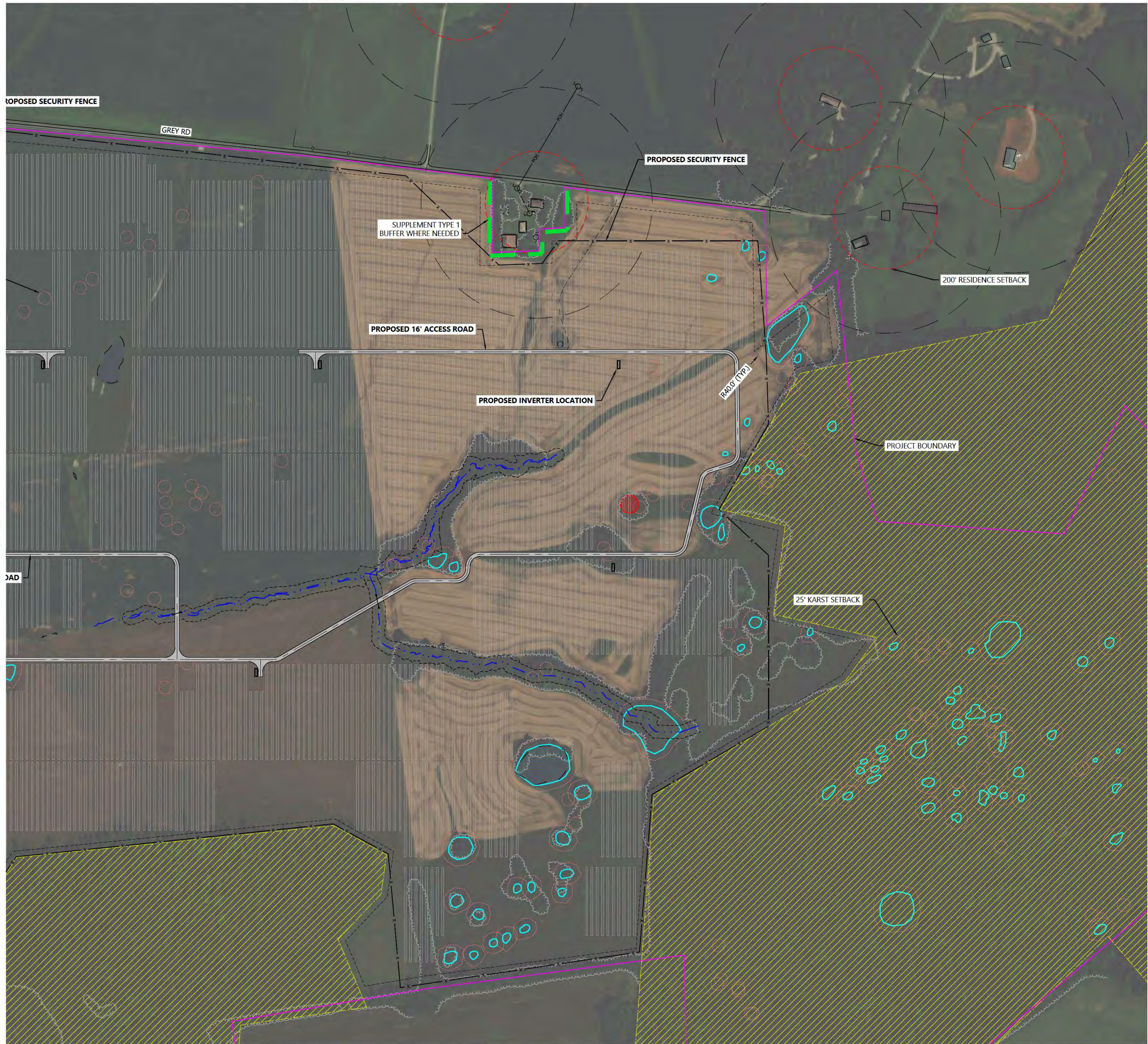


Golden Solar Project
 Caldwell County, Kentucky



Horizontal Site Plan - 5

Not for Construction
 DATE: 07/29/2022
 SHEET: C.504



LEGEND:

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	MODULE SETBACK
	EASEMENT LINES
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	EX. INTERVAL CONTOUR
	EX. TREELINE
	EX. PAVED ROAD
	EX. GRAVEL ROAD
	EX. BUILDING
	EX. FENCE
	EX. CULVERT
	EX. OVERHEAD POWER SUBSTATION
	EX. STREAM CHANNEL
	EX. WETLAND
	WETLAND SETBACK
	EX. KARST FEATURE
	25' KARST SETBACK
	FEMA FLOOD ZONE
	200' PANEL SETBACK FROM RESIDENCE
	450' INVERTER SETBACK FROM RESIDENCE
	FOREST AVOIDANCE
	PROPOSED SOLAR ARRAY
	PROPOSED INVERTER
	PROPOSED ACCESS ROAD
	PROPOSED LOW WATER CROSSING
	PROPOSED SECURITY FENCE
	PROPOSED LAYDOWN YARD
	PROPOSED SUBSTATION
	PROPOSED O&M BUILDING
	PROPOSED LANDSCAPE BUFFER TYPE 1
	PROPOSED LANDSCAPE BUFFER TYPE 2
	PROPOSED SUPPLEMENTAL LANDSCAPE BUFFER
	EXISTING SUFFICIENT LANDSCAPE BUFFER
	PRELIMINARY WEATHER STATION LOCATION

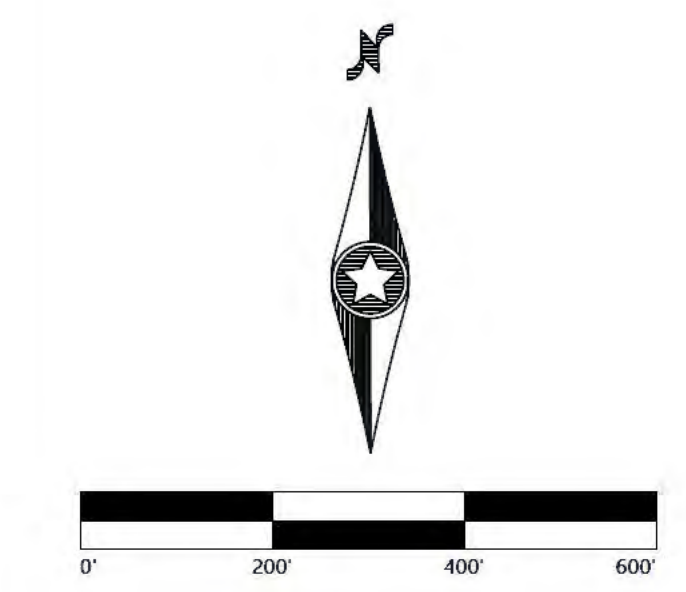
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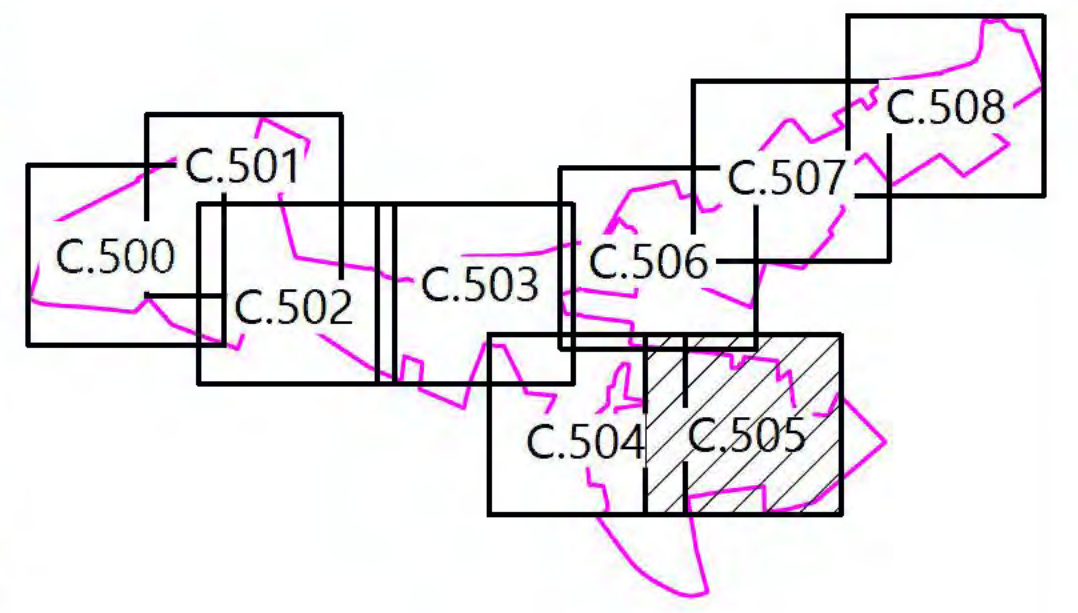
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#	DATE	COMMENT



KEYMAP:



Golden Solar Project
 Caldwell County, Kentucky

Horizontal Site Plan - 6

Not for Construction

DATE: 07/29/2022
 SHEET: C.505

SEE SHEET C.504

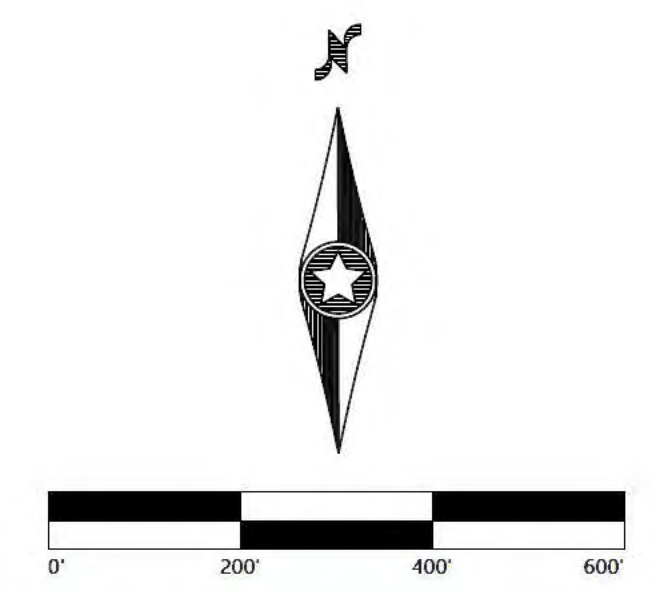
PREPARED FOR:



8400 Normandale Lake Blvd, Suite 1200
 Bloomington, MN 55347

REVISIONS:

#	DATE	COMMENT



Golden Solar Project

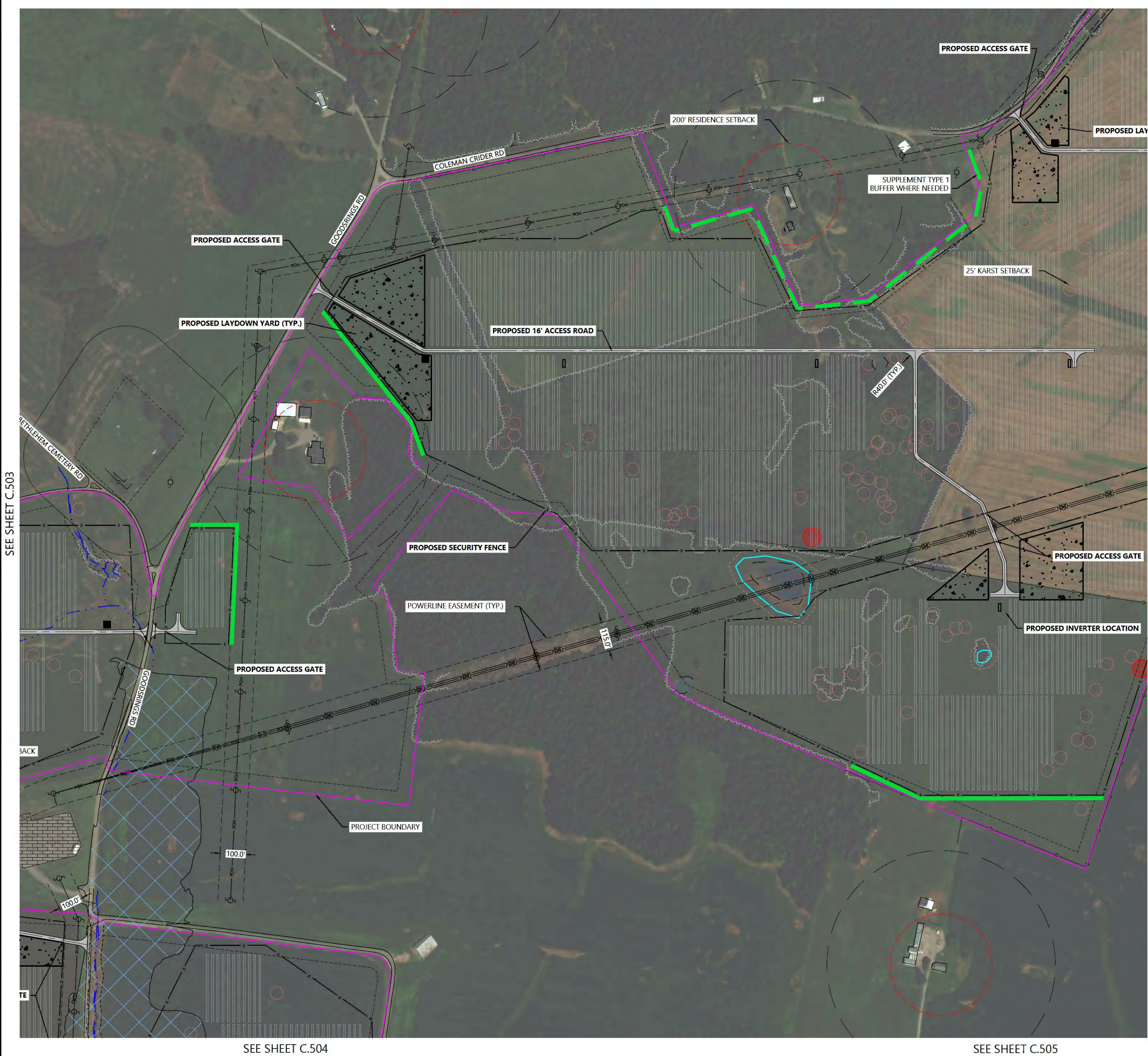
Caldwell County, Kentucky

Horizontal Site Plan - 7

Not for Construction

DATE: 07/29/2022

SHEET: C.506



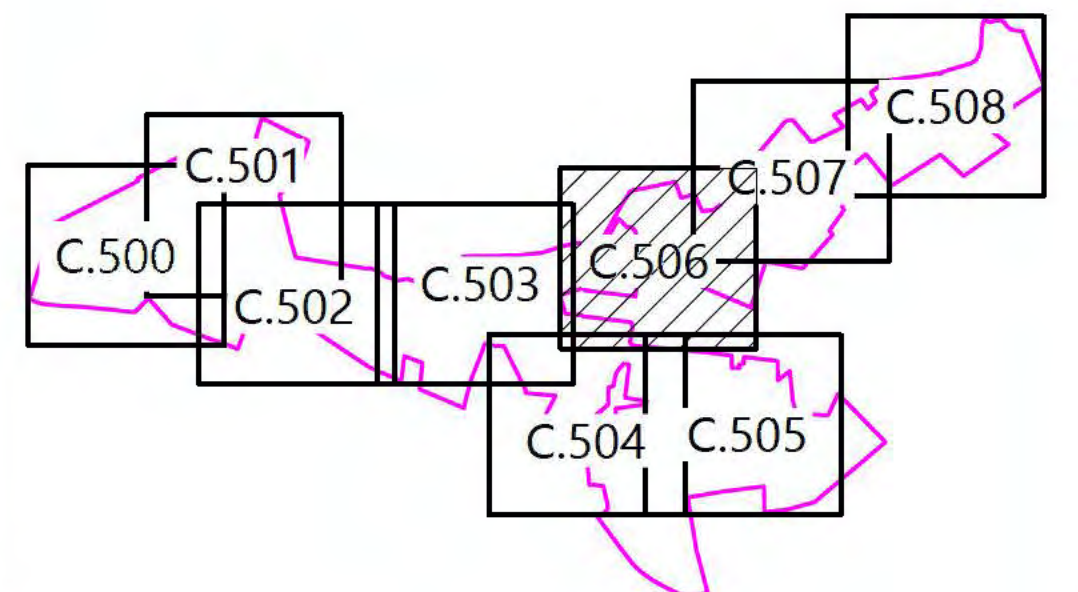
LEGEND:

	PROJECT BOUNDARY
	MODULE SETBACK
	EASEMENT LINES
	EX. INDEX CONTOUR
	EX. INTERVAL CONTOUR
	EX. TREELINE
	EX. PAVED ROAD
	EX. GRAVEL ROAD
	EX. BUILDING
	EX. FENCE
	EX. CULVERT
	EX. OVERHEAD POWER
	EX. SUBSTATION
	EX. STREAM CHANNEL
	EX. WETLAND
	WETLAND SETBACK
	EX. KARST FEATURE
	25' KARST SETBACK
	FEMA FLOOD ZONE
	200' PANEL SETBACK FROM RESIDENCE
	450' INVERTER SETBACK FROM RESIDENCE
	FOREST AVOIDANCE
	PROPOSED SOLAR ARRAY
	PROPOSED INVERTER
	PROPOSED ACCESS ROAD
	PROPOSED LOW WATER CROSSING
	PROPOSED SECURITY FENCE
	PROPOSED LAYDOWN YARD
	PROPOSED SUBSTATION
	PROPOSED O&M BUILDING
	PROPOSED LANDSCAPE BUFFER TYPE 1
	PROPOSED LANDSCAPE BUFFER TYPE 2
	PROPOSED SUPPLEMENTAL LANDSCAPE BUFFER
	EXISTING SUFFICIENT LANDSCAPE BUFFER
	PRELIMINARY WEATHER STATION LOCATION

NOTES:

1. HORIZONTAL PROJECT COORDINATE SYSTEM IS NSRS 2011 KENTUCKY STATE PLANES, SOUTH ZONE, US FOOT
2. SEE SHEETS C.700-C.701 FOR SITE DETAILS, FENCING DETAILS, AND ROAD SECTION DETAILS.
3. SEE GRADING AND DRAINAGE SHEETS C.600-C.625 FOR PROPOSED SITE EARTHWORKS AND DRAINAGE INFORMATION.
4. FURTHER FIELD INVESTIGATION FOR POTENTIAL KARST LOCATIONS TO BE COMPLETED PRIOR TO CONSTRUCTION.
5. PROPOSED GENTLE ROUTE IS PRELIMINARY AND IS SUBJECT TO CHANGE UPON FURTHER DESIGN.

KEYMAP:



SEE SHEET C.503

SEE SHEET C.507

SEE SHEET C.504

SEE SHEET C.505

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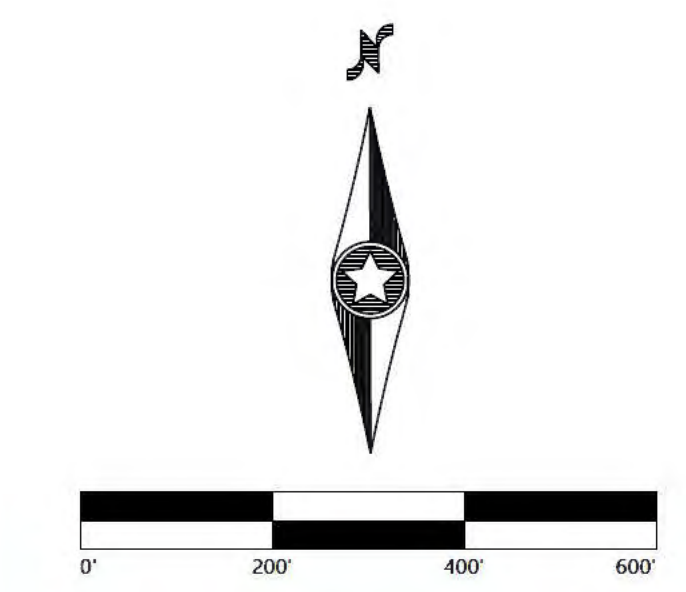
PREPARED FOR:



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 Bloomington, MN 55347

REVISIONS:

#	DATE	COMMENT



Golden Solar Project

Caldwell County, Kentucky

Horizontal Site Plan - 8

Not for Construction

DATE: 07/29/2022

SHEET: C.507

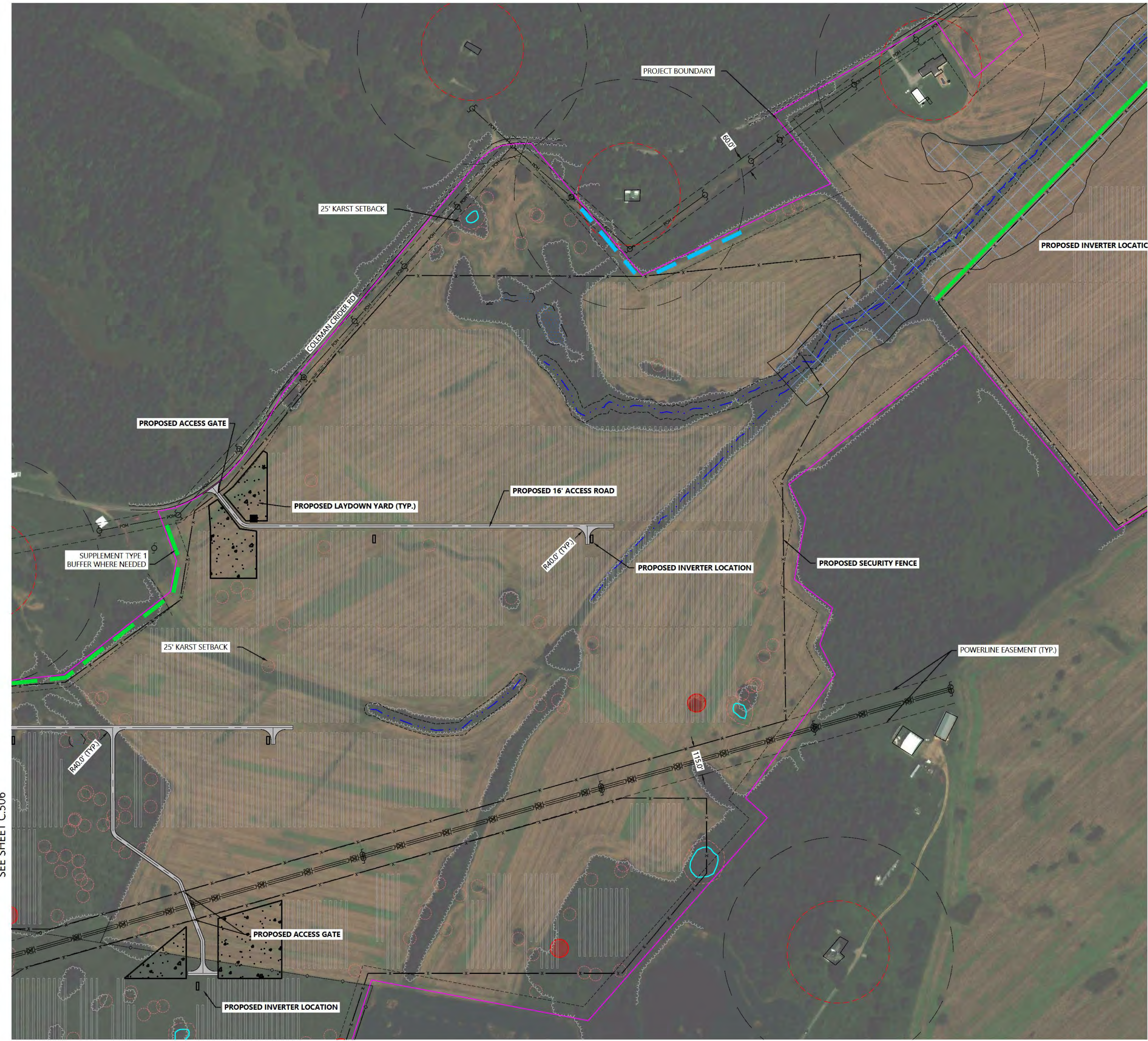
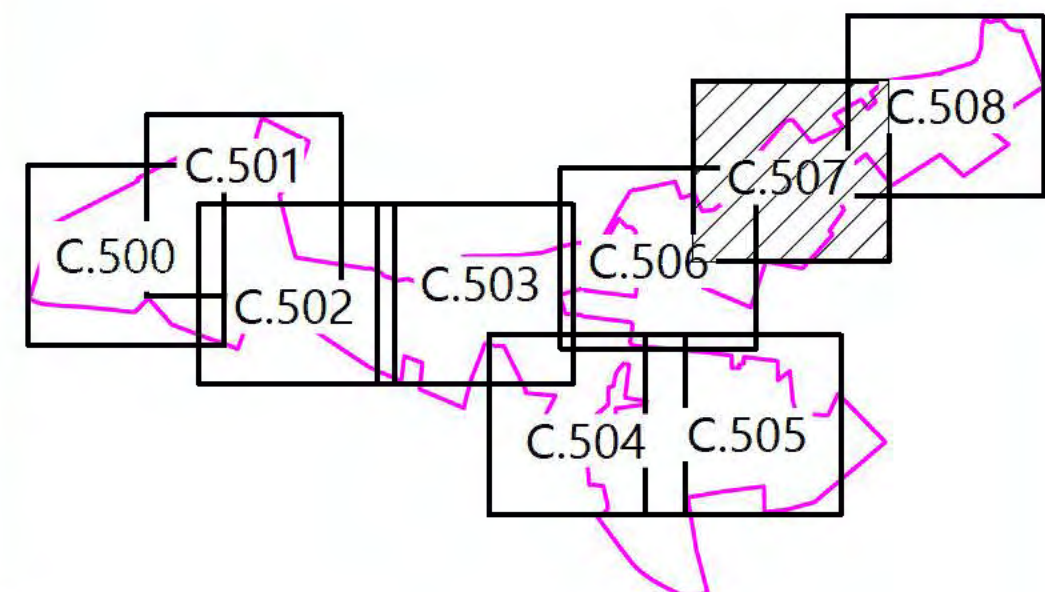
LEGEND:

- PROJECT BOUNDARY
- MODULE SETBACK
- EASEMENT LINES
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- EX. TREELINE
- EX. PAVED ROAD
- EX. GRAVEL ROAD
- EX. BUILDING
- EX. FENCE
- EX. CULVERT
- EX. OVERHEAD POWER
- EX. SUBSTATION
- EX. STREAM CHANNEL
- EX. WETLAND
- WETLAND SETBACK
- EX. KARST FEATURE
- 25' KARST SETBACK
- FEMA FLOOD ZONE
- 200' PANEL SETBACK FROM RESIDENCE
- 450' INVERTER SETBACK FROM RESIDENCE
- FOREST AVOIDANCE
- PROPOSED SOLAR ARRAY
- PROPOSED INVERTER
- PROPOSED ACCESS ROAD
- PROPOSED LOW WATER CROSSING
- PROPOSED SECURITY FENCE
- PROPOSED LAYDOWN YARD
- PROPOSED SUBSTATION
- PROPOSED O&M BUILDING
- PROPOSED LANDSCAPE BUFFER TYPE 1
- PROPOSED LANDSCAPE BUFFER TYPE 2
- PROPOSED SUPPLEMENTAL LANDSCAPE BUFFER
- EXISTING SUFFICIENT LANDSCAPE BUFFER
- PRELIMINARY WEATHER STATION LOCATION

NOTES:

- HORIZONTAL PROJECT COORDINATE SYSTEM IS NSRS 2011 KENTUCKY STATE PLANES, SOUTH ZONE, US FOOT
- SEE SHEETS C.700-C.701 FOR SITE DETAILS, FENCING DETAILS, AND ROAD SECTION DETAILS.
- SEE GRADING AND DRAINAGE SHEETS C.600-C.625 FOR PROPOSED SITE EARTHWORKS AND DRAINAGE INFORMATION.
- FURTHER FIELD INVESTIGATION FOR POTENTIAL KARST LOCATIONS TO BE COMPLETED PRIOR TO CONSTRUCTION.
- PROPOSED GENTIE ROUTE IS PRELIMINARY AND IS SUBJECT TO CHANGE UPON FURTHER DESIGN.

KEYMAP:



SEE SHEET C.506

SEE SHEET C.508

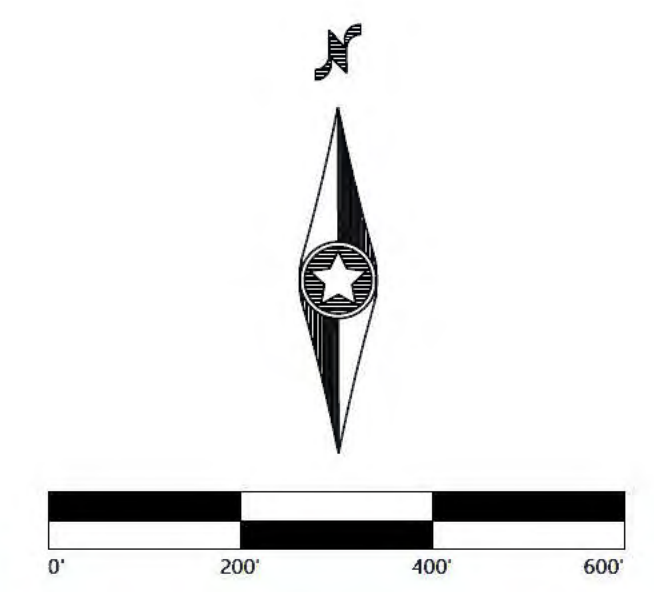
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PREPARED FOR:

**nationalgrid
renewables**
 8400 Normandale Lake Blvd, Suite 1200
 Bloomington, MN 55347

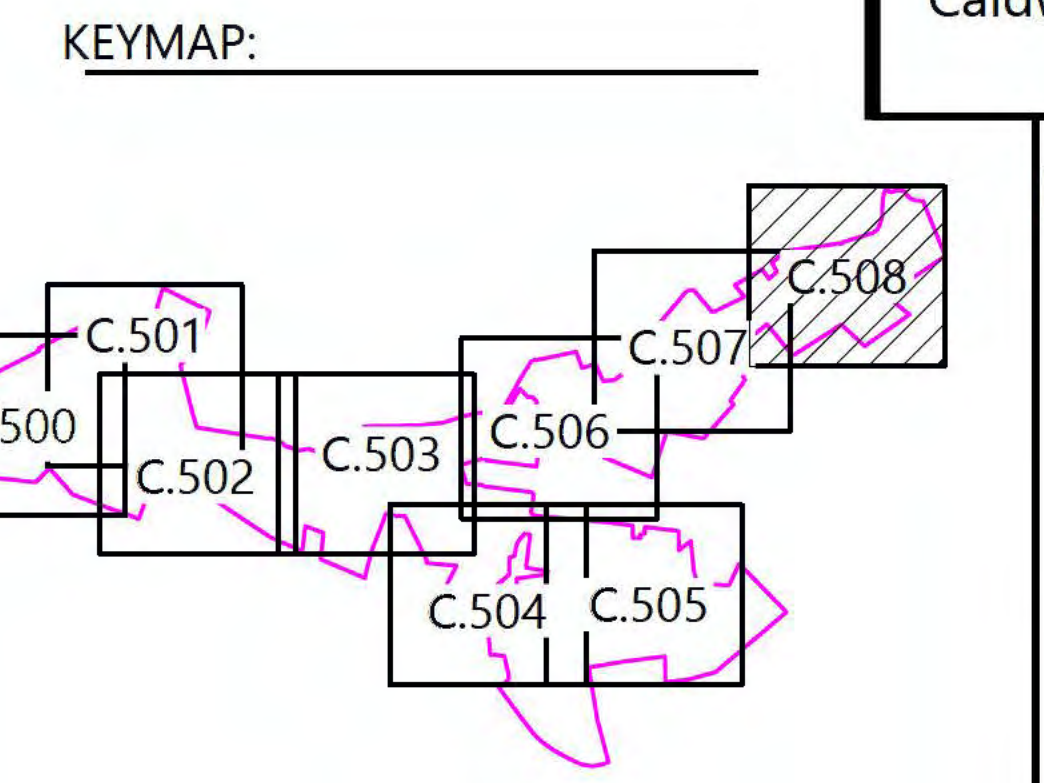
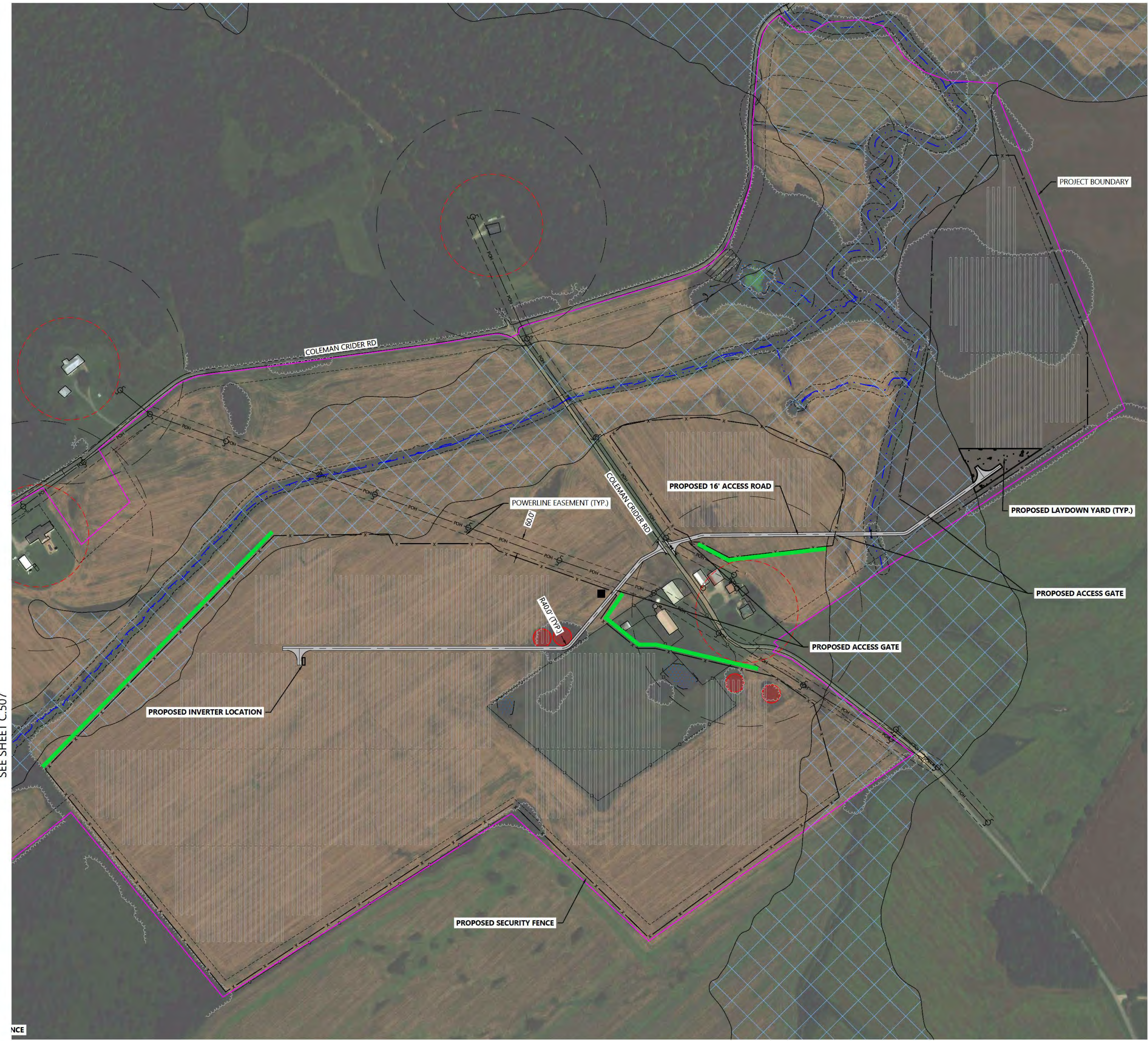
REVISIONS:

#	DATE	COMMENT



- LEGEND:**
- PROJECT BOUNDARY
 - MODULE SETBACK
 - EASEMENT LINES
 - EX. INDEX CONTOUR
 - EX. INTERVAL CONTOUR
 - EX. TREELINE
 - EX. PAVED ROAD
 - EX. GRAVEL ROAD
 - EX. BUILDING
 - EX. FENCE
 - EX. CULVERT
 - EX. OVERHEAD POWER
 - EX. SUBSTATION
 - EX. STREAM CHANNEL
 - EX. WETLAND
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 - EXISTING SUFFICIENT LANDSCAPE BUFFER
 - PRELIMINARY WEATHER STATION LOCATION

- NOTES:**
- HORIZONTAL PROJECT COORDINATE SYSTEM IS NSRS 2011 KENTUCKY STATE PLANES, SOUTH ZONE, US FOOT
 - SEE SHEETS C.700-C.701 FOR SITE DETAILS, FENCING DETAILS, AND ROAD SECTION DETAILS.
 - SEE GRADING AND DRAINAGE SHEETS C.600-C.625 FOR PROPOSED SITE EARTHWORKS AND DRAINAGE INFORMATION.
 - FURTHER FIELD INVESTIGATION FOR POTENTIAL KARST LOCATIONS TO BE COMPLETED PRIOR TO CONSTRUCTION.
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Golden Solar Project
 Caldwell County, Kentucky

Horizontal Site Plan - 9

Not for Construction
 DATE: 07/29/2022
 SHEET: C.508

SEE SHEET C.507

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